Caernarvonshire Combined Sanitary Districts

Annual Health Report

OF THE

District Medical Officers of Health

NORTHERN DIVISION :

(As it is since April 1934).

Bangor City, Bethesda, Llandudno, Llanfairfechan and Penmaenmawr Urban Districts
Nant Conway, Ogwen, Aethwy (part) and Hiraethog Rural Districts.

T. HEBER PIERCE, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

(His Fourth Annual Report).

SOUTHERN DIVISION :
(As it was since April 1934).

Caernarvon and Pwllheli Boroughs ; Criccieth and Portmadoc Urban Districts
Gwyrfai, Lleyn, Deudraeth, and Aethwy (part) Rural Districts.

I. P. NELIS, L.R.C.P. & S.I., D.P.H.

APPENDIX.

District outside the Combine, viz., :—Bettwsycoed Urban District.

For the Year 1948

CAERNARVON :

PRINTED BY W. GWENLYN EVANS AND SON, COUNTY PRINTING WORKS.

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ERRATA

	Caernarvon	*Criccieth*	*Pwllheli*	*Portmadoc*	*Gwyrfai R.D.*	*Lleyn R.D.*	*Deudraeth R.D.*
Maternal (including puerperal) mortality	1	—	1	—	1	1	—
(*a*) from Sepsis	—	—	—	—	—	—	—
(*b*) from other Causes ..	1	—	1	—	1	1	—
(*c*) Maternal Mortality (per 1,000 live births) ..	6.57	—	12.6	—	2.32	3.74	—

Maternal Mortality England and Wales 1.02, page 3, B and E.

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For the Year 1948

CAERNARVON:

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Rhagarweiniad Dr. T. H. Pierce.

At Gadeirydd ac Aelodau Pwyllgor Unedig Iechydol Sir Gaernarfon,

Dymunaf gyflwyno fy adroddiad blynyddol am 1948.

Fel ac ymddengys yn nodiadau arweiniol fy adroddiadau blaenorol, edrychir ar y Rhanbarth Ogleddol (yn cynnwys Bettws-y-Coed) fel uned, a chynullwyd yr Ystadegau a ganlyn oddi wrth ffigyrau dderbyniwyd oddi wrth y Cyfrifydd Cyffredinol am bob dosbarth.

Gwelir ystadegau am ddosbarthiadau unigol yn Adran B.—Ffigyrau Cyffredin, ac yn Adran C—Adroddiadau Lleol Ychwanegol.

YSTADEGAU BLYNYDDOL.

Poblogaeth.—Figiwr y Cyfrifydd Cyffredinol oedd 70,321, cynnydd o 2,284 ar y flwyddyn 1947. Gwelwyd ychwanegiad mewn poblogaeth ym mhob dosbarth ag eithrio Ogwen. Ym Mangor y gwelid y cynnydd mwyaf (+750). Gyda Llandudno yn ail (+650). Yn Ogwen gwelwyd gostyngiad (—50).

Genedigaethau.—Yn gyffredin, gyda rhannau eraill o'r wlad 'roedd gostyngiad yn y genedigaethau o 17.62 y fil o enedigaethau byw yn 1947 i 14.16 y fil yn 1948.

Marwolaethau.—Syrthiodd rhif y marwolaethau o 14.95 y fil o'r boblogaeth yn 1947 i 12.98 y fil yn 1948. Y rhif dros Loegr a Chymru oedd 10.8—rhif lleiaf groniclwyd yn hanes y wlad erioed.

Marwolaethau Babanod.—Syrthiodd rhif marwolaethau babanod o 43.3 allan o bob mil o enedigaethau yn 1947 i 34.85 y fil o enedigaethau byw yn 1948. Y rhif yn Lloegr a Chymru ydoedd 34 y fil o enedigaethau byw—y ffigiwr iselaf groniclwyd yn hanes y wlad erioed.

Marwolaethau Mamau.—Bu tair mam farw wrth roddi genedigaeth—rhif 2.8 y fil o farwolaethau byw a marw mewn cymhariad â 1.02 yng Nghymru a Lloegr.

Marwolaethau o'r Cancer.— Disgynnodd nifer y marwolaethau o'r cancer o 2.38 y fil o'r boblogaeth yn 1947 i 2.11 yn 1948. Rhif am Loegr a Chymru 1.85 y fil.

Marwolaethau o'r Pla Gwyn.—Cododd nifer y marwolaethau o'r Pla Gwyn ychydig, o 0.63 y fil yn 1947 i 0.65 yn 1948. Y rhif yng Nghymru a Lloegr oedd 0.51

Marwolaethau yn Dilyn Rhyddni ac Enyniad yr Ymysgaroedd.——(O dan ddwyflwydd). Ni bu marwolaeth yn dilyn rhyddni ac enyniad yr ymysgaroedd. Rhif y marwolaethau yng Nghymru a Lloegr 3.3 y fil o enedigaethau mewn cymhariad â 5.8 yn 1947.

Marwolaethau o'r Heintiau (Zymotic)—Ni bu marwolaethau o'r clefydau heintus (Zymotic) yn ystod 1948 (Gweler Colofnau sydd Gyffredin 2 a 3). Yn 1947 bu tri-ar-ddeg o farwolaethau yn rhoddi y rhif o farwolaethau o'r clefydau *heintus* (Zymotic) o 0.19 y fil o'r boblogaeth.

Y Pas a'r Frech Goch.— Ni bu marwolaeth o'r pâs na'r frech goch. Yn 1947 bu 7 farw o'r pâs ac 1 o'r frech goch.

Diphtheria a'r Clefyd Coch.—Am y drydedd flwyddyn yn olynol ni fu marwolaeth o'r diphtheria na'r clefyd coch.

Clefydau Heintus a Hysbyswyd.—Cafwyd gwybodaeth am 1,001 o glefydau heintus yn ystod y flwyddyn mewn cymhariad â 437 yn 1947. O'r clefydau a nodwyd 'roedd 697 o'r Frech Goch, 114 o'r Pâs a 10 o'r clefyd coch—Dengys Colofn 'A' sy'n dilyn, nifer yr achosion gwrw, a benyw—o'r gwahanol glefydau a rhennir rhain yn ôl oedran.

Dengys Rhestr 'B' nifer yr achosion a hysbyswyd allan o bob mil o'r boblogaeth yn y Rhanbarth Ogleddol, mewn cymhariad â Lloegr a Chymru.

RHESTR 'A.'

Grwp Oedran.	Nifer yr Achosion a hysbyswyd. Clefydau.							
	Clefyd Coch		Frech Goch		Diphtheria		Pas.	
	G.	B.	G.	B.	G.	B.	G.	B.
0—2 flwydd.	—	1	13	16	—	—	—	5
1—2 flwydd	6	2	38	48	—	—	12	14
3—4 mlwydd	5	2	79	96	1	2	22	20
5—9 mlwydd	10	19	180	150	2	1	16	24
10—14 blwydd	11	10	18	14	—	—	1	—
15—24 mlwydd	—	2	11	10	—	1	—	—
25 mlwydd a throsodd ..	—	—	6	11	—	3	—	—
Heb wybod yr oedran	4	4	3	4	—	—	—	—
CYFANSWM	36	40	348	349	3	7	51	63

RHESTR 'B'

Nifer yr Achosion allan o bob mil o'r boblogaeth—1947 *a* 1948.

	1948		1947	
	Rhanbarth Gogleddol	*Lloegr a Chymru*	*Rhanbarth Gogleddol*	*Lloegr a Chymru*
CLEFYD COCH	1.08	1.73	0.76	1.37
FRECH GOCH	9.91	9.34	2.45	9.41
DIPHTHERIA	0.14	0.08	0.05	0.13
PAS	1.62	3.42	2.38	2.22
TAN IDDWYF	0.14	0.21	0.08	0.19

Y PLA GWYN.—Cofrestrwyd 108 o achosion o'r Pla Gwyn ar y rhestrau yn ystod 1948 mewn cymhariad â 115 yn 1947. Cynhwysai rhain ddioddefwyr ddaeth i'r adran o ardaloedd eraill. Wedi derbyn rhestrau marwolaethau oddi wrth y Cyfrifydd Cyffredinol rhestrwyd deg o achosion eraill.

RHESTRAU HYSBYS Y PLA GWYN.—Wedi rhoddi cyfrif am drosglwyddiadau achosion y collwyd golwg arnynt, marwolaethau ac ychwanegiadau yn y rhestrau, gwelwyd fod 419 o achosion o ddarfodedigaeth yr ysgyfeinwys a 99 o achosion heb fod y math yma o'r darfodedigaeth, ar y rhestrau yn Rhagfyr 1948, mewn cymhariad â 419 a 96, yn Rhagfyr 1947.

GWASANAETHAU IECHYD.

MAMAU A GOFALAETH PLANT.—Mae'r Adran yma o Weinyddiad Iechyd cyhoeddus o dan lywodraeth y Meddyg Sirol a'i gynorthwywyr.

DARFODEDIGAETH.—Mewn canlyniad i'r Ddeddf Iechyd Cyhoeddus 1946, trosglwyddwyd yr Ysbyttai, Iechydfeydd a Meddygfeydd i'r Weinyddiaeth Iechyd ar 5ed o Orffennaf, 1948. Gweinyddir ar y rhan fwyaf o'r dioddefwyr yn y Feddygfa ym Mangor, ond gweinyddir ar ychydig o Hiraethog a Phenmachno yn Wrexham a Machynlleth. Os bydd angen gofal Sanatorium, derbynnir dioddefwyr yn yr Iechydfeydd a ganlyn :—

Iechydfa Gogledd Cymru ger Dinbych, Llangwyfan (cysylltiedig â Iechydfa Gogledd Cymru ; Iechydfa Dê Cymru, Talgarth ; Bryn Seiont, Caernarfon ; Llangefni ym Môn, a Chartref Awyr-agored Penhesgyn, Porthaethwy.

Oherwydd prinder staff ni ddefnyddir yr oll o'r gwelyau yn yr Iechydfeydd. Mae'r rhestrau disgwyl yn faith

Dengys y rhestr a ganlyn nifer y gwelyau sydd yn gyffredin ar gael yn y gwahanol Iechydfeydd ar nifer o welyau oedd wâg ar Ebrill 10fed, 1948 mewn cymhariad â Mehefin 1947.

Iechydfa	*Nifer y Gwelyau ar gael yn gyffredin*	*Nifer y gwelyau heb eu defnyddio ar Ebrill* 10, 1948, *oherwydd prinder staff*	*Nifer y gwelyau heb eu defnyddio, oherwydd prinder staff, ar Fehefin* 14*eg*, 1948
Iechydfa Gogledd Cymru ..	250	17	82
Llangwyfan ..	150	61	48
Cartref Awyr Agored Penhesgyn	16	—	—
Iechydfa Dê Cymru	286	48	76
Bryn Seiont ..	39	—	—
Llangefni	30	—	—

GWAITH YMCHWILIAD.—Archwilir llefrith, dŵr, hufen-rhew, poeri, etc., yn ymchwilfeydd Iechyd Cyhoeddus, Conway.

Cedwir yn yr Ymchwilfa stôr o "Diphtheria Antitoxin" a Lymph i Frych-frechu. Ar gais, dosberthir y cyfryw yn rhad i'r meddygon.

POETHGLWYFAU—Cynhelir Meddygfeydd yn y C and A. ym Mangor, ac yn yr Ysbytty Gyffredinol yn Llandudno.

YSBYTTAI NEILLTUEDIG.—Dan Ddeddf Iechyd Cenedlaethol 1946 trosglwyddwyd yr Ysbyttai Neilltuedig i'r Weinyddiaeth Iechyd ar y 5ed o Orffennaf, 1948. Gofynwyd i nifer o Awdurdodau i weinyddu fel ar hyn o bryd, hyd Ebrill 1af, 1949. Dyma'r Ysbyttai : Llandudno, Bangor, Groesynyd a'r Druid, Môn.

TAI.

Parha'r Awdurdodau lleol i gario ymlaen gyda'r cynlluniau tai, ond mae'r rhestrau y rhai sydd yn disgwyl yn parhau yn hir. Mae llawer o achosion neilltuol sydd yn galw am sylw buan ym mhob rhan o'r rhanbarth.

Ydwyf foneddigion,
Yn gywir,

T. H. PIERCE,
Swyddog Meddygol Iechyd Cyhoeddus.

Dr. T. H. Pierce's Introduction.

To the Chairman and Members of the Caernarvonshire Joint Sanitary Authority.

GENTLEMEN,

I beg to submit my Annual Report for the year 1948.

As in my Introductory Remarks of previous Reports, the Northern Area (including Bettws-y-Coed) has been taken as one District and the following statistics are compiled from the Registrar General's figures for all districts.

Statistics for individual Districts will be found in Section B— Tables in Common, and in Section C—Additional Local Reports.

VITAL STATISTICS.

POPULATION.—The Registrar General's figure for the population was 70,321 which was 2,284 more than in 1947. All Districts except Ogwen shewed an increase in the populations. The Greatest increases being at Bangor (+ 750), with Llandudno next (+650). Ogwen's decrease was -50.

BIRTH RATE.—In common with the rest of the Country there was a drop in the Birth Rate from 17.62 live births per thousand of the population in 1947 to 14.69 per thousand in 1948.

DEATH RATE.—The General Death Rate has dropped from 14.95 per thousand of the population in 1947 to 12.98 per thousand in 1948. The Death Rate for England and Wales was 10.8 per thousand of the population and was the lowest ever recorded in this country.

INFANT MORTALITY.—The Infant Mortality has dropped from 43.3 per 1000 live births in 1947 to 34.85 per 1000 live births in 1948. This compares with an Infant Mortality Rate of 34 per 1000 live births for England and Wales which is the lowest ever recorded in this Country.

MATERNAL MORTALITY. There were three maternal deaths attributable to childbirth in 1948 which gave a rate for Maternal Mortality of 2.8 per 1000 Still and Live Births, compared with 1.02 for England and Wales.

CANCER MORTALITY.—The Cancer Mortality has dropped from 2.38 per 1000 of the population in 1947 to 2.11 per 1000 in 1948. The Cancer Mortality for England and Wales was 1.85 per 1000 of the population.

TUBERCULOSIS MORTALITY.—The Tuberculosis Mortality has risen slightly from 0.63 per 1000 of the population in 1947 to 0.65 per 1000 in 1948, compared with 0.51 per 1000 of the population for England and Wales.

DIARRHOEA AND ENTERITIS (under 2 yrs.)—There were no deaths from Enteritis during 1948. The Death Rate for England and Wales was 3.3 per 1000 live births compared with 5.8 in 1947.

ZYMOTIC MORTALITY.—There were no deaths from Zymotic Diseases during 1948 (For Zymotic Diseases see Talbes in Common 2 and 3). In 1947 there were 13 deaths giving a Zymotic Mortality of 0.19 per 1000 of the population.

WHOOPING COUGH AND MEASLES.—There were no deaths from Whooping Cough and Measles. In 1947 there were 7 deaths from Whooping Cough and 1 death from Measles.

DIPHTHERIA AND SCARLET FEVER.—For the third successive year there were no deaths from Diphtheria or Scarlet Fever.

INCIDENCE OF NOTIFIED INFECTIOUS DISEASES.—1,001 Infectious Diseases were notified, during the year compared with 437 in 1947. Of the Zymotic Diseases notified, 697 were Measles 114 Whooping Cough, and 10 Diphtheria. Table " A " below shews the number of male and female cases of the different Zymotic Diseases notified divided up into different age groups. Table " B " gives the Case Rates for 1948 and 1947 of notified diseases per 1000 population for the Northern Area compared with those for England and Wales.

TABLE "A."

Age Grops	Number of Cases Notified.							
	Diseases.							
	Scarlet Fever		Measles		Diphtheria		Whooping Cough	
	M.	F.	M.	F.	M.	F.	M.	F.
0—2 years	—	1	13	16	—	—	—	5
1—2 yrs.	6	2	38	48	—	—	12	14
3—4 yrs.	5	2	79	96	1	2	22	20
5—9 yrs.	10	19	180	150	2	1	16	24
10—14 yrs.	11	10	18	14	—	—	1	—
15—24 yrs.	—	2	11	10	—	1	—	—
25 yrs. and over	—	—	6	11	—	3	—	—
Age unknown	4	4	3	4	—	—	—	—
TOTALS	36	40	348	349	3	7	51	63

TABLE "B"

CASE RATES PER 1000 OF THE POPULATION—1947 AND 1948.

	1948		1947	
	Northern	Eng/Wls.	Northern	Eng/Wls.
Scarlet Fever	1.08	1.73	0.76	1.37
Measles	9.91	9.34	2.45	9.41
Diphtheria ..	0.14	0.08	0.05	0.13
Whooping Cough ..	1.62	3.42	2.38	2.22
Erysipelas	0.14	0.21	0.08	0.19

TUBERCULOSIS.—108 Cases of Pulmonary Tuberculosis and Non-Pulmonary Tuberculosis were added to the Registers during 1948 compared with 115 cases in 1947. These included Transfer Cases from other Areas. In addition, ten previously un-notified cases were added to the Registers on receipt of Death Returns from the Registrar General and Local Registrars.

TUBERCULOSIS NOTIFICATION REGISTERS.—After " Transfers," patients " Lost Sight Of." patients " recovered," deaths and additions to the Registers, there were 453 Pulmonary and 99 Non-Pulmonary cases on the Registers on December 31st, 1948 compared with 419 Pulmonary and 96 Non-pulmonary cases on December 31st, 1947.

HEALTH SERVICES.

MATERNITY AND CHILD WELFARE. This Section of the Public Health Administration is under the control of the County Medical Officer of Health and his Staff.

TUBERCULOSIS.—Under the National Health Service Act, 1946, the Hospitals, Sanatoria and Clinics of the King Edward VII National Memorial Association were transferred to the Ministry of Health on July 5th, 1948.

The majority of patients are treated at the Clinic at Bangor, but a few from Hiraethog and parts of Penmachno are seen at Wrexham and Machynlleth Clinics respectively.

Patients requiring Sanatorium treatment may be admitted to any of the following Sanatoria :—North Wales Sanatorium, Near Denbigh ; Llangwyfan (attached to the N. Wales Sanatorium) South Wales Sanatorium, Talgarth ; Bryn Seiont, Caernarvon ; Llangefni, Anglesey ; or Penhesgyn Open Air Home, Menai Bridge.

Owing to staff shortage, beds at some of the Sanatoria have to be kept unoccupied, although there is a long waiting list of patients for admission.

The following Table shews the number of beds available at the various Sanatoria, and the number of patient beds vacant on April 10th, 1948 compared with June 14th, 1947.

Institution	*No. of Patient beds normally available.*	*No. of patient beds vacant on April 10, 1948 owing to Staff Shortage.*	*No. of patient beds vacant on June 14, 1947 owing to Staff shortage*
North Wales Sanatorium ..	250	17	82
Llangwyfan	150	61	48
Penhesgyn Open Air Home, Menai Bridge	16	—	—
South Wales Sanatorium	286	48	76
Bryn Seiont	39	—	—
Llangefni	30	—	—

LABORATORY WORK.—Bacteriological examinations of milk, ice cream, swabs etc. are carried out at the Public Health Laboratory, Conway. The Laboratory also keeps stocks of Diphtheria Antitoxin and Lymph for vaccination which is supplied free on request by General Practitioners.

Venereal Diseases.—Venereal Clinics are held at the Caernarvonshire and Anglesey Infirmary, Bangor, and at the Llandudno & District Hospital.

Isolation Hospitals.—Under the National Health Service Act, 1946, the Isolation Hospitals were transferred to the Ministry of Health on July 5th, 1948, but various Authorities were asked to operate the existing services on behalf of the Hospital Management Committee until they were taken over fully on the 1st April, 1949.

Fever Hospitals affected were, Llandudno, Bangor, Groesynyd, and the Druid Hospital, Anglesey.

Housing.—The Councils are carrying on with their housing programmes, but there are still very long waiting lists for houses and many necessitous cases which require re-housing in all Districts.

I am, Gentlemen,
Yours faithfully,
T. H. PIERCE,
Medical Officer of Health.

Rhagarweiniad Dr. I. P. Nelis.

At Gadeirydd ac Aelodau Pwyllgor Unedig Iechydol Sir Gaernarfon,

Dechreuais ar fy nyletswyddau fel Swyddog Meddygol Rhanbarth ddeheuol Sir Gaernarfon ar 2il o Chwefror, 1949.

Mae'r ystadegau a'r adroddiadau a ganlyn, a baratowyd gan y Swyddog Iechyd, yn dangos y sefyllfa cyn fy apwyntiad. Nis gallaf ychwanegu'n bwrpasol at yr hyn a ddywedir ynddynt.

Mae'r hyn a ddywed fy mlaenorydd—Dr. Roberts yn ei adroddiad blynyddol am 1947 hyd y gwelaf yn wir am 1948. Nid oes cyfnewidiad yn yr amgylchiadau ynglŷn â thai a'r materion eraill a grybwyllir ganddo. 'Rwyf yn ddyledus iddo ef ac i swyddogion y gwahanol gynghorau am eu cynorthwy.

Ydwyf Foneddigion yn gywir,

I. P. NELIS.

Dr. I. P. Nelis's Introduction.

To the Chairman and Members of the Caernarvonshire Joint Sanitary Committee,

I commenced the duties of Medical Officer of Health for the Combined Districts of South Caernarvon on February, 2, 1949

The following statistics, and reports of the Sanitary Officers cover the period before I was appointed, an I am unable to give any other useful information.

The observations of Dr. Roberts, my predecessor, in his Annual Report, 1947, seem to apply for 1948, as circumstances have not materially altered, for instance the difficulties of housing, and other points upon which he comments—I am indebted to him and to the clerks and officers of the various districts for their help.

I am Gentlemen,

Yours faithfully,

I. P. NELIS

VITAL STATISTICS.

The population according to figures from Registrar General for 1948 was 66,840

BIRTH RATE.—17.41 per 1000 against 18.8 for 1947.

DEATH RATE.—15.5 per 1000, against 15.8 for 1947.
The birth rate of England & Wales was 17.9 and the death rate 10.8.

INFANT MORTALITY.—41.0 per 1000 births registered 63.7 in 1947, the infant mortality for England and Wales being 41.0.

MATERNAL MORTALITY.— There were 32 maternal deaths, giving a maternal mortality of 27.0 per 1000 births (live and still), the rate for 1947 being 2.3 per 1000 births for England and Wales etc., is 0.73

CANCER.—Cancer mortality was 2.66 per 1000 against 2.4 for 1947.

TUBERCULOSIS.—The death rate for 1948 was 2.66 per 1000, against 2.4 for 1947. For England and Wales it was 0.51 per 1000.

Deaths from Diorrhoea and Enteritis..	Nil
Deaths from Measles ..	Nil.
Deaths from Scarlet Fever ..	Nil.
Deaths from Whooping Coughs ..	Nil.
Deaths from Diphtheria ..	Nil.
Deaths from Influenza ..	2
Deaths from Poliomyelitis ..	Nil.
Deaths fron Typhoid Fever ..	Nil.

B—Tables-in-Common.

B.—TABLES-IN-COMMON.

(Furnishing much of the matter demanded by the Ministry of Health in a condensed tabular form).

Table I.
VITAL STATISTICS.

(*Note.*—Rate per 1000 of the Population unless otherwise specified.)

BIRTHS: (Live) (a) Total Number .. .. A
(b) Boys .. .. B
(c) Girls C
(d) Live Birth-rate (on Registrar-General's figures) .. .. D
(e) Live Birth-rate for England and Wales (per 1000 of population)— .. .. .. E
DEATHS: (a) Total number from all causes (civilians only) .. .. F
(b) Males .. .. G
(c) Females .. .. H
(d) General Death-rate (on Registrar-General's Figures) I
(e) Death-rate for England and Wales— .. .. J
DEATHS OF INFANTS UNDER ONE YEAR: (a) Number .. .. K
(b) Infant Mortality (rate per 1000 live Births) L
(c) Infant Mortality for England and Wales — .. .. M
(d) Deaths of Legitimate Infants: Number .. .. N
(e) Do. do. do. Mortality (per 1000 live births) .. .. O
(f) Deaths of Illegitimate Infants: Number .. .. P
(g) Do. do. do. Mortality (per 1000 live births) .. .. Q
DEATHS OF ELDERLY PERSONS (65 years and upwards): (a) Number .. .. .. R
(b) Senile Mortality .. .. S
ILLEGITIMATE AND STILL-BIRTH BIRTH-RATES
No. of Illegitimate Births (live) .. .. T
Illegitimate Birth-rate (Percentage of Total live Births—see above) .. .. .. U
No. of Still-births (a) Total.. V
(b) Legitimate .. .. W
(c) Illegitimate X
Still-birth Birth-rate (per 1000 live Births) .. .. Y
Still-birth Birth-rate (per 1000 of population) .. .. Z
Still-birth Birth-rate for England and Wales (per 1000 of population)— .. .. .. A
MATERNAL (including Puerperal) MORTALITY (Deaths connected with Childbirth and Pregnancy): Total .. .. B
(a) From Sepsis C
(b) From Other Causes .. .. D
(c) Maternal Mortality (per 1000 live Births) .. .. B
(d) Ditto for England and Wales (per 1000 Births)... .. .. F
ZYMOTIC MORTALITY (Deaths from the so-called Principal Zymotic Diseases. See table of Infectious Diseases): (a) Number of Deaths .. .. G
(b) Zymotic Mortality .. .. H
DEATHS FROM CANCER (and allied malignant diseases): (a) Number of Deaths I
(b) Cancer Mortality .. .. J
(c) Ditto for England and Wales .. .. K
DEATHS FROM RESPIRATORY DISEASES (Non-Tubercular): (a) Number of Deaths .. L
(b) Respiratory (non-Tubercular) Mortality .. .. M
DEATHS FROM TUBERCULOSIS: (a) Number of Deaths .. .. N
(b) Tubercular Mortality .. .. O
(c) Ditto for England and Wales .. .. P
DEATHS FROM INFLUENZA (a) Number of Deaths .. .. Q
(b) Influenza Mortality .. .. R
(c) Mortality for England and Wales .. .. S
DEATHS IN PUBLIC INSTITUTIONS: (a) Number .. .. T
(b) Percentage of total deaths .. .. U
(c) Ditto for England and Wales V

OPHTHALMIA NEONATORUM: An Eye-Affection of the New-born:
(a) No. of Cases notified.. .. .. W
b) Cases Treated at home—(1) Total Number X
(2) No. where vision unimpaired .. .. Y
(3) No. where vision impaired .. .. Z
(4) No. where Total Blindness followed.. .. .. A
(5) No. which proved fatal .. .. B
(c) Cases treated in Hospital—(1) Total Number C
(2) No. where vision unimpaired .. .. D
(3) No. where vision impaired .. .. E
(4) No. where Total Blindness followed .. .. F
(5) No. which proved fatal .. .. G

	1 Bangor City.	2 Bethesda U.D.	3 Llandudno U.D.	4 Llanfairfechan U.D.	5 Penmaenmawr U.D.	6 Nant Conway R.D.	7 Ogwen R.D.	8 Aethwy R.D.	9 Hiraethog R.D.	10 Carnarvon Borough.	11 Criccieth U.D.	12 Pwllheli Borough.	13 Portmadoc U.D.	14 Gwyrfai R.D.	15 Llyn R.D.	16 Deudraeth R.D.	17 Beddwsycoed U.D.
A	250	75	210	41	51	88	82	106	86	152	20	79	68	431	267	126	14
B	121	38	121	28	23	45	38	102	48	76	10	43	34	225	142	73	8
C	129	37	119	13	28	43	44	104	38	76	10	36	34	206	145	53	6
D	18.41	16.81	13.78	12.85	12.48	13.70	17.34	10.24	16.55	17.1	12.1	19.0	16.5	16.5	15.4	18.3	15.87
E	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
F	151	66	220	46	55	79	76	142	65	127	26	55	60	368	244	94	13
G	72	35	105	20	27	36	37	82	42	61	11	27	25	187	122	41	6
H	79	31	115	26	28	43	39	60	23	66	15	28	35	181	122	53	7
	111.13	14.79	12.63	14.42	13.46	12.29	16.06	13.60	12.51	14.0	15.7	13.3	14.5	15.3	14.0	13.6	14.73
J	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
K	9	1	9	2	3	2	2	6	2	6	1	2	5	21	10	2	0
L	36.0	13.33	37.50	48.78	58.81	22.72	24.39	56.60	23.25	39.0	50.0	75.0	73.0	48.0	37.0	15.0	0
M	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
N	9	1	9	2	3	2	2	6	2	6	1	2	5	21	8	1	0
O	36.0	13.33	37.50	48.78	58.81	22.72	24.39	56.60	23.25	39.0	50.0	75.0	73.0	48.0	33.0	85.0	0
P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
Q	0	0	0	0	0	0	0	0	0	-	-	-	-	-	80.0	78.0	0
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T	8	5	19	2	2	12	4	19	10	7	3	2	3	30	25	9	0
U	3.20	6.66	7.91	4.87	3.92	13.63	4.87	17.92	11.62	4.60	15.0	2.53	4.41	7.0	9.36	7.14	0
V	5	1	6	1	2	0	3	8	0	4	0	2	1	14	7	1	0
W	5	1	6	1	2	0	2	5	0	3	0	1	1	12	5	1	0
X	-	0	0	0	0	0	1	3	0	0	0	0	0	0	2	0	0
Y	20.0	13.33	25.0	24.39	39.21	0	36.59	75.47	0	26.31	-	25.31	14.7	32.48	27.6	7.93	0
Z	0.36	0.22	0.34	0.31	0.48	0	0.63	0.77	0	0.45	-	0.48	0.24	0.58	0.40	0.46	0
A	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
B	1	0	1	0	0	0	0	0	1	3	1	2	4	14	7	1	0
C	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	1	0	1	0	0	0	0	0	1	3	1	2	4	14	7	1	0
E	4.0	0	4.16	0	0	0	0	0	11.62	6.4	5.0	2.5	5.8	32.2	33.0	0.79	0
F	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	0.73	0.73	0.73	0.73	0.73	0.73	0.73	1.02
G	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		0
H	0	0	0	0	0	0	0	0	0	0	0	0.24	0	0	0		0
I	22	14	30	9	15	14	10	19	13	22	3	10	13	66	52	12	3
J	1.62	3.13	1.72	2.82	3.66	2.17	2.11	1.83	2.50	2.47	1.82	2.42	3.15	2.75	3.0	1.76	3.40
K	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	-	-	-	-	-	-	-	1.85
L	8	7	16	3	6	5	3	13	2	15	3	2	5	22	14	9	0
M	0.58	1.56	0.91	0.94	1.46	0.77	0.63	1.25	0.38	1.68	1.82	0.48	1.21	0.91	0.80	1.30	0
N	7	4	7	1	2	5	12	8	0	10	0	1	0	25	16	2	0
O	0.51	0.89	0.40	0.31	0.48	0.77	2.53	0.77	0	1.0	0	0.24	0	1.04	0.92	0.29	0
P	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Q	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	1	0
R	0	0	0	0	0	0.31	0	0	0	0	0	0	0	0.04	0	0.14	0
S	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	-					-

Table II.
GENERAL STATISTICS.

AREA (in Statute acres—land and inland water)	A
TOTAL POPULATION :—	
Mid-Year 1948 (Registrar-General's Estimate)	B
Census 1921 (as revised by Registrar-General)	C
Census 1931 (as revised by Registrar-General)	D
Census 1931 (as enumerated)	E
Males	F
Females	G
No. of Persons per Acre	H
PRIVATE FAMILIES AND DWELLINGS (Census 1921) :—1931 Northern	
No. of Families (Private Families)	I
No. of Dwellings occupied (structurally separate Dwellings)	J
Population of the said Private Families	K
No. of Persons per Family	L
No. of Families per Dwelling	M
Total number of Rooms occupied	N
No. of Rooms per Dwelling	O
No. of Rooms per Person (whole of Caernarvonshire 1.36)	P
No. of Persons living more than two persons to a room	Q
Giving a percentage of the said private family population of	R
(Compared with whole of Caernarvonshire—4.1)	

RATEABLE VALUE	Southern	(In 1948) Northern S
Produce of a Penny Rate.		Ditto T
No. of Members on the Council		U

CAUSES OF DEATH.

Total Number of Deaths (Civilians only)	V
(a) Males	W
(b) Females	X
a(1) Typhoid and Paratyphoid Fevers	Y
a(2) Measles	Z
a(3) Scarlet Fever	A
a(4) Whooping Cough	B
a(5) Diphtheria	C
(6) Influenza	D
(7) Encephalitis Lethargica	E
(8) Cerebro-spinal Fever	F
(9) Tuberculosis of Respiratory System	G
(10) Other Tuberculous Diseases	H
(11) Syphilis	I
(12) General Paralysis of the Insane, Tabes Dorsalis	J
(13) Cancer, Malignant Disease	K
(14) Diabetes	L
(15) Cerebral Hæmorrhage, etc	M
(16) Heart Disease	N
(17) Aneurysm	O
(18) Other Circulatory Diseases	P
(19) Bronchitis	Q
(20) Pneumonia (all forms)	R
(21) Other Respiratory Diseases	S
(22) Peptic Ulcer	T
a(23) Diarrhoea, &c. (under 2 years)	U
(24) Appendicitis	V
(25) Cirrhosis of Liver	W
(26) Other Diseases of Liver, &c	X
(27) Other Digestive Diseases	Y
(28) Acute and Chronic Nephritis	Z
(29) Puerperal Sepsis	A
(30) Other Puerperal Causes	B
(31) Congenital Debility, Premature Birth, Malformation, &c.,	C
(32) Senility	D
(33) Suicide	E
(34) Other Violence	F
(35) Other Defined Diseases	G
(36) Causes ill-defined or unknown	H
a(37) Small-pox (not been included in No. 35 above)	I
(38) Poliomymyelitis (not been included in No. 35 above)	J
(39) Polioencephalitis (not been included in No. 35 above)	K
(40) Road Traffic Accidents	L

a So called "Zymotic Diseases."

NOTE.—In England and Wales the Death Rate (number of fatal cases per 1000 of population) of certain Fevers was as follows :—

Enteric Fever (including Paratyphoid)—(0.00), Small-pox—(0.00), Whooping Cough—(0.02), Diphtheria and M. Croup—(0.00), Influenza (0.03), Diarrhoea and Enteritis (under 2 years) — (3.3) per 1000 Births in this last case.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	1800	893	4896	4472	3814	88222	44066	52294	93079	2213	1450	1120	3390	96475	22460	75915	4472
B	13580	4463	17420	3190	4086	6425	4730	10350	5195	8880	1647	4116	4118	23940	17334	6805	882
C	11029	4132	19281	3639	4483	4270	5842	8235	5147	8340	1802	3546	4079	24180	16680	7170	959
D																	
E	10960	4480	13679	3162	4021	4628	5643	8018	6061	8469	1449	3599	3986	23947	16441	7417	912
F	4991	2247	5540	1497	1881	2233	2784	3967	3093	3906	575	1621	1831	11726	8084	3653	398
G	5969	2233	8139	1665	2140	2395	2859	4051	2968	4563	874	1978	2155	12221	8357	3764	514
H	7 52	4.99	3.55	0.71	1.07	0.07	0.10	0.19	0.05	3.82	3.08	3.21	1.03	0.34	0.17	0.09	0.19
I	2738	1303	2820	781	1051	-	1543	2153	1800	2102	475	878	1079	6572	4379	1773	195
J	2668	1290	2569	772	1021	-	1519	2147	1747	2085	377	877	1058	6526	4319	1750	190
K	9774	4444	10337	2750	3793	-	5530	7858	5047	8035	1759	3547	4124	23987	16827	7090	719
L	3.58	3.41	3.66	3.52	3.61	-	3.64	3.66	2.8	3.82	3.70	4.04	3.82	3.65	3.84	4.00	3.68
M	1.02	1.01	1.09	1.01	1.03	-	1.02	1.00	1.03	1.01	1.26	1.00	1.02	1.01	1.01	1.01	1.02
N	13862	5984	16775	4156	5808	-	7747	10628	7000	11808	3071	5592	6629	34293	23959	9848	1139
O	5.19	4.65	6.55	5.38	5.68	-	5.1	4.95	4.0	5.66	8.15	6.38	6.27	5.26	5.55	5.63	5.99
P	1.13	1.49	1.62	1.36	1.53	-	1.4	1.35	1.33	1.47	1.75	1.58	1.61	1.43	1.42	1.39	1.58
Q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	£	£	£192,	£	£	£	£	£	£	£	£	£	£	£	£	£	£
S	75583	11361	137	14254	24691	29732	15404	32000	29340	50826	11554	22404	18602	56146	52443	56826	4953
T	300	41	781	55	98	115	63	130	120	199	45	87	73	212	206	226	19
U	28	13	30	15	14	18	13	21	22	24	15	16	16	43	43	14	10
V	151	66	220	46	55	79	76	142	65	127	26	55	60	368	244	94	13
W	72	35	105	20	27	36	37	82	42	61	11	27	25	187	122	41	6
X	79	31	115	26	28	43	39	60	23	66	15	28	35	181	122	53	7
Y	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	1	-
E	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
G	6	4	6	1	1	4	12	8	-	9	-	1	-	21	13	2	-
H	1	-	1	-	1	1	-	-	-	1	-	-	-	4	3	-	-
I	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1
J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	22	14	30	9	15	14	10	19	13	22	3	10	13	66	52	12	3
L	1	-	-	1	-	1	1	-	1	-	-	1	2	3	2	3	-
M	10	6	39	8	5	14	6	15	7	3	3	5	3	11	10	1	4
N	51	18	69	11	12	17	24	49	26	29	6	16	15	94	61	23	2
O	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
P	2	3	7	4	3	3	3	4	1	3	3	5	3	11	10	1	1
Q	4	3	8	3	4	3	1	4	-	3	-	1	2	17	6	4	-
R	3	1	5	-	1	2	1	7	2	9	2	-	2	3	7	1	-
S	1	3	3	-	1	-	1	2	-	3	1	1	1	2	1	4	-
T	2	-	4	-	-	1	1	3	1	-	-	1	-	4	4	1	-
U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y	3	-	8	1	1	-	-	2	1	4	1	1	1	2	4	3	1
Z	14	5	6	1	3	4	3	4	1	6	3	5	6	13	12	5	-
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
C	4	1	7	2	2	3	1	4	2	3	1	2	4	10	7	1	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	3	-	-	1	1	1	2	-	1	-	1	-	2	-	-
F	6	-	6	1	1	4	-	4	-	5	-	-	1	6	4	2	-
G	17	8	16	4	4	5	10	14	7	-	-	-	-	-	-	-	1
H	-	-	-	-	-	-	-	-	-	10	1	4	5	53	26	5	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
L	1	-	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-

Table III.

PRELIMINARY NOTE.—In England and Wales, the Case-Rate (number of Notifications per 1000 of population) of certain Fevers was as follows :—

Cerebro-spinal Fever (0.03); Measles (9.34); Small-pox—(——), Scarlet Fever—(1.73); Diphtheria—and M. Croup—(0.08); Enteric Fever (including Paratyphoid) —(0.02) Erysipelas—(0.21) and Pneumonia—(0.73); Acute Poliomyelitis—(0.04).

Calculated in relation to the number of Births, the Case-Rate of Puerperal Fever with that of Puerperal Pyrexia, was 6.89 per 1,000 Total Births (Live and Still) registered.

NOTIFICATIONS OF TUBERCULOSIS and OTHER INFECTIOUS DISEASES.

N.B.—The number of Fatal Cases of Fever are given in Table II.

TUBERCULOSIS See below	
OTHER INFECTIOUS AND ZYMOTIC DISEASES Total	A
*1. Small Pox	B
*2. Scarlet Fever or Scarlatina	C
*3. Diphtheria and Membranous Croup	D
*4. Diphtheritic Sore Throat and (undefined) Croup (not statutorily notifiable unless locally)	E
*5 Typhus Fever	F
*6. Enteric Fever and Typhoid Fever	G
*7. Paratyphoid Fever	H
*8. Continued Fever and " Pyrexia "	I
*9. Whooping Cough	J
*10. Diarrhoea, Enteritis and Gastro-Enteritis under two years (not statutorily notifiable).—See below for Dysentery	K
*11. Cholera (non-Asiatic unless otherwise stated)	L
*12. Measles	M
*13. German Measles	N
14. Dysentery	O
15. Relapsing Fever	P
16. Malaria—(believed to be contracted in this country)	Q
17. Malaria—(believed to be contracted abroad, or not stated)	R
18. Induced Malaria (notifiable only if liable to relapse)	S
19. Plague	T
20. Yellow Fever	U
21. Cerebro-spinal Meningitis (Spotted Fever)	V
22. Acute Polio-Myelitis (early Infantile Paralysis)	W
23. Acute Polio-encephalitis	X
24. Acute Encephalitis Lethargica (False Botulism)	Y
25. Botulism (True) as caused by the Bacillus Botulinus	Z
26. Chicken Pox (not statutorily notifiable, unless locally)	A
27. Acute Primary and Acute Influenzal Pneumonia	B
28. Ophthalmia Neonatorum	C
29. Puerperal Fever	D
30. Puerperal Pyrexia	E
31. Influenza (not statutorily notifiable, unless locally)	F
32. Erysipelas	G

TUBERCULOSIS: NEW, TREATED AND FATAL CASES.

NEW CASES	
(a) Primary Notifications, including cases notified by Tuberculosis Physician	H
(b) Other New Cases	I
(c) Pulmonary (including all Respiratory)	J
(1) Males	K
(2) Females	L
(d) Non-Pulmonary	M
(1) Males	N
(2) Females	O
FATAL CASES: (a) Total	P
(b) Pulmonary (including all Respiratory)	Q
(1) Males	R
(2) Females	S
(c) Non-Pulmonary	T
(1) Males	U
(2) Females	V
(d) Non-notified Tuberculosis Deaths: (1) Number	W
(2) Percentage of Total Tuberculosis Deaths	X
CASES ADMITTED to Hospital or Sanatorium: (a) Total	Y
(b) Pulmonary (including all Respiratory)	Z
(c) Non-Pulmonary	A
(d) For Observation	B

* *The so-called " Principal Zymotic Diseases."*

	1 Bangor City.	2 Bethesda U.D.	3 Llandudno U.D.	4 Llanfairfechan U.D.	5 Penmaenmawr U.D.	6 Nant Conway R.D.	7 Ogwen R.D.	8 Aethwy R.D.	9 Hiraethog R.D.	10 Carnarvon Borough.	11 Criccieth U.D.	12 Pwllheli Borough	13 Portmadoc U.D.	14 Gwyrfai R.D.	15 Lleyn R.D.	16 Deudraeth R.D.	17 Bettwsycoed U.D.
A	284	31	202	55	17	81	61	229	36	-	-	-	-	-	-	-	5
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	11	3	18	-	8	11	7	8	10	17	2	1	4	21	6	6	-
D	6	-	2	-	-	-	1	1	-	1	0	0	0	4	1	0	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	32	4	14	-	2	23	12	19	8	1	7	42	16	6	23	3	-
K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M	232	24	132	10	3	44	37	195	16	166	13	6	11	90	140	2	4
N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
W	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	4	-
X	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Y	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	-	-	22	45	-	1	2	5	2	2	-	-	-	3	-	2	-
B	-	-	7	-	3	2	1	1	-	-	1	4	-	-	5	-	-
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
R	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	3	-	4	-	1	-	1	-	-	-	-	-	-	2	-	-	1
H	16	6	23	5	4	7	19	20	4	26	2	9	8	90	37	11	4
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	16	5	21	5	4	6	18	18	3	24	2	-	8	-	-	-	4
H	8	2	8	2	2	3	8	11	2	76	2	3	7	55	13	7	1
L	8	3	13	3	2	3	10	7	1	9	-	6	1	35	24	4	3
M	-	1	2	-	-	1	1	2	1	2	-	2	-	11	9	-	-
N	-	-	1	-	-	-	1	2	1	1	-	-	-	4	3	-	-
O	-	1	1	-	-	1	-	-	-	1	-	2	-	7	6	-	-
P	7	4	7	1	2	5	12	8	0	-	-	-	-	-	-	-	0
Q	6	4	6	1	1	4	12	8	-	-	-	-	-	-	-	-	-
R	3	1	4	1	1	2	6	3	-	-	-	-	-	-	-	-	-
S	3	3	2	-	-	2	6	5	-	-	-	-	-	-	-	-	-
T	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
U	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
W	-	-	2	-	-	2	1	5	-	-	-	-	-	-	-	-	-
X	-	-	28.5	-	-	40	8.3	62.5	-	-	-	-	-	-	-	-	-
Y	21	8	16	3	-	9	13	13	2	10	1	5	2	16	10	4	2
Z	21	6	15	3	-	8	12	11	1	8	1	4	2	10	8	4	2
A	-	2	1	-	-	1	1	2	1	2	-	1	-	6	2	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table IV.
HOUSING STATISTICS.

NOTE—A Working-class house may roughly be regarded as a plainly built house with not more than one parlour (in addition to kitchen and scullery).

NEW WORKING CLASS HOUSES ERECTED (and completed) DURING THE YEAR :—

A. Number (including numbers given separately under B.) Grand Total .. .. ..A
(i). By the Local Authority. Total .. ..B
(ii). By other Local Authorities. Total C
(iii). By other bodies and persons. Total .. ..D
B. With State assistance under the Housing Acts. Total .. ..E
(i). By the Local Authority. Number .. ..F
(a) To Replace Condemned Houses .. ..G
(b) To Abate Overcrowding .. ..H
(c) For Fresh Housing I
(ii). By other bodies or persons .. ..J

INSPECTION OF DWELLING-HOUSES DURING THE YEAR

I.—INSPECTION.—(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .. ..K
(b) Number of inspections made for the purpose. L
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932..M
(b) Number of inspections made for the purpose .. ..N
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. ..O
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .. ..P

II. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.
Number of defective dwelling-houses rendered fit in consequence of Informal action by the Local Authority or their officers .. ..Q

III.—ACTION UNDER STATUTORY POWERS DURING THE YEAR.
A.—Proceedings under sections 9, 10 *and* 16 *of the Housing Act*, 1936.
(1) Number of dwelling-houses in respect of which Formal notices were served requiring repairs .. ..R
(2) Number of dwelling-houses which after Formal Notices were rendered fit :—
(a) By Owners .. ..S
(b) By local authority in default of owners .. ..T
B.—Proceedings under Public Health Acts :—
(1) Number of dwelling-houses in respect of which Formal Notices were served requiring defects to be remedied .. ..U
(2) Number of dwelling-houses in which defects, after Formal notices, were remedied :—
(a) By owners V
(b) By local authority in default of owners. .. ..W
C.—Proceedings under Sections 11 *and* 13 *of the Housing Act* 1936 :—
(1) No. of Dwelling-houses in respect of which an undertaking to close the house for human habitation was accepted—Action Snspcnded during the War X
(2) Number of dwelling-houses in respect of which Demolition Orders were made.. ..Y
(3) Number of dwelling-houses demolished in pursuance of Demolition Orders .. ..Z
D.—Proceedings under Section 12 *of the Housing Act* 1936 :—
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made .. .. A
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .. .. .. B

NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY. Grand Total .. C
Those completed during the year. .. .. D
(i) To Replace Condemned Houses .. .. E
(ii) For Fresh Housing .. .. F
(iii) To Abate Overcrowding. .. .. G

NEW SUPERIOR HOUSES (Superior to Working-class Dwellings) :
No. completed during the year .. .. H

RE-CONDITIONED HOUSES (under Housing of Rural Workers Act, 1926).
No. Re-conditioned (and work completed) during the year I

HOUSING ACT, 1935—OVERCROWDING. Result of First Survey :
(a) Total number of houses in the district .. .. J
(b) Number of houses Surveyed (Workmen's houses) .. .. K
(c) Number of these overcrowded L
(d) Number of Families dwelling in the Overcrowded Houses .. .. M
(e) Number of Persons dwelling in the Overcrowded Houses .. .. N

HOUSING ACT, 1936 (Part IV—OVERCROWDING)
(*a*). (1) No of dwellings overcrowded at the end of the year .. .. O
(ii) No. of families dwelling therein. .. .. P
(iii) No. of Persons dwelling therein .. .. Q
(*b*) No. of new cases of overcrowding reported during the year .. .. R
(*c*) (i) No. of cases of overcrowded dwellings relieved during the year .. .. .. S
(ii) No. of families concerned in such cases. .. .. T
(iii) No. of Persons concerned in such cases. .. .. U
(*d*) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the Abatement of overcrowding
(*e*) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	35	38	84	14	31	15	22	9	12	100	-	-	18	36	84	10	-
B	-	38	84	12	-	10	22	-	12	100	-	-	18	36	84	6	-
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	2	-	-	-	1	5	-	-	-	-	-	1	-	8	14	4	-
E	-	-	-	12	30	10	22	9	12	-	-	-	-	36	-	6	-
F	-	-	84	12	30	10	22	9	-	-	-	-	-	36	-	6	-
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-
I	33	-	-	12	30	2	22	9	12	-	-	-	-	36	-	6	-
J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	187	75	62	56	58	36	1553	-	10	550	-	440	108	740	514	121	27
L	274	81	62	56	95	42	1588	-	30	580	-	-	146	1094	553	121	27
M	-	-	-	-	-	6	-	-	10	-	-	-	-	-	71	-	-
N	-	-	-	-	-	9	-	-	-	-	-	-	-	-	73	-	-
O	-	-	-	-	-	2	379	-	-	3	-	-	-	9	42	120	-
P	8	10	25	-	-	-	372	-	10	10	-	2	50	78	68	1	4
Q	149	21	23	7	23	6	24	-	-	10	-	-	21	62	56	14	2
R	-	-	-	7	-	3	-	-	-	8	-	-	-	21	3	12	-
S	-	-	-	7	-	1	-	-	-	8	-	-	-	21	3	8	-
T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
U	6	-	-	6	27	-	-	-	10	-	-	-	24	34	7	-	-
V	6	-	-	6	27	-		-	10	-	-	-	3	34	7	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	-	3	-	-	-	-	-	-	-	1	-	-	-	9	-	-	-
Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	1003	119	1130	64	146	39	105	134	51	605	60	186	42	656	200	93	3
D	33	38	84	12	30	10	22	-	12	100	-	-	18	36	-	6	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	33	38	84	12	30	2	22	-	12	-	-	-	-	36	-	6	-
G	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-
H	2	2	-	2	-	-	-	4	-	-	-	-	-	8	-	-	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	3276	1500	4631	901	1164	-	1534	3477	1702	2490	-	1090	1300	6572	-	1674	218
K	2310	1269	-	674	900	-	1117	-	1451	1641	-	-	811	6147	-	1420	123
L	117	37	-	37	33	-	58	-	101	94	-	-	53	516	-	56	4
M	140	37	-	37	33	-	67	-	101	100	-	75	60	438	-	291	4
N	596	231	-	219	167	-	366	-	456	103	-	-	354	-	-	56	18
O	•	•	•	•	•	•	51	•	•	•	-	-	-	•	-	-	•
P	•	•	•	•	•	•	64	•	•	•	-	-	-	•	-	-	•
Q	•	•	•	•	•	•	301	•	•	•	-	-	-	•	-	-	•
R	•	•	•	•	•	•	-	•	6	•	-	-	-	•	-	-	•
S	•	•	•	•	•	•	2	•	6	•	-	-	-	•	-	-	•
T	•	•	•	•	•	•	4	•	6	•	-	-	-	•	-	-	•
U	•	•	•	•	•	•	18	•	20	•	-	-	-	•	-	-	•

*No figures available owing to post war conditions.

Table V.
SOUND AND UNSOUND FOOD.

MILK AND MILK SAMPLES.	
No. of Dairy Cows (whether temporarily dry or not)	A
Whether Milk imported ? From how many Dairy Farms ?	B
Whether Milk exported ? From how many Dairy Farms ?	C
No. of Samples of milk taken by Sanitary Inspector	D
No. of these unsatisfactory	E
No. of Samples of Milk taken by County Inspector of Foods and Drugs	F
No. of these unsatisfactory	G
No. of Prosecutions	H
No. of these successful	I
MEAT AND MEAT INSPECTION.	
How many slaughterhouses licensed as well as registered	J
No. of slaughterhouses on Register end of December (including licensed and unlicensed)	K
No. of slaughterhouses on Register in the previous year (Ditto)	L
No. of voluntary surrenders of Carcases or Part Carcases—	
(a) For Tuberculosis	M
(b) For other Diseases	N
No. of seizures (supported by magistrate) of ditto—	
(a) For Tuberculosis	O
(b) For other Diseases	P
OTHER FOODS.	
No. of Voluntary Surrenders of other Unsound Foods	Q
No. of seizures	R
PROSECUTIONS.	
No. of Prosecutions for Unsound Meat or other Foods	S
BAKEHOUSES.	
Total number of Bakehouses	T
No. of underground Bakehouses	U
No. of Factory Bakehouses	V

1 Bangor City.	2 Bethesda U.D.	3 Llandudno U.D.	4 Llanfairfechan U.D.	5 Penmaenmawr U.D.	6 Nant Conway R.D.	7 Ogwen R.C.	8 Aethwy R.D.	9 Hiraethog R.D.	10 Caernarvon Borough	11 Criccieth U.D.	12 Pwllheli Borough	13 Portmadoc U.D.	14 Gwyrfai R.D.	15 Lleyn R.D.	16 Dendraeth R.D.	17 Rettwstycoed U.D.
A 94	112	-	187	-	-	-	-	-	340	-	96	-	3942	No	684	-
B 29	4	-	3	-	-	-	-	-	8	-	-	-	4	6	2	2
C -	4	-	4	-	-	61	290	590	5	-	-	-	-	18	3	1
D119	12	18	-	-	-	18	-	-	30	-	-	-	46	-	-	-
E 8	1	2	-	-	-	2	-	-	-	-	-	-	3	-	-	-
F*	*	*	*	*	*	*	*	*	-	-	-	-	-	-	-	*
G-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
H-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
I-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J 3	-	1	5	3	-	-	-	7	1	-	1	1	1	1	-	1
K 3	1	1	5	3	-	-	-	7	-	-	1	1	1	1	-	1
L 3	1	1	5	3	-	-	-	7	-	-	1	1	1	1	-	1
M 30	-	117	-	-	-	-	-	-	29	-	36	21	†4719	3	-	-
N 34	1	20	-	-	-	1	-	-	14	-	55	50	323	-	-	-
O-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q692	65	1696	24	233	18	19	26	6	615	-	754	14	*	†63	14	-
R-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T 15	11	24	5	5	15	2	15	5	15	-	10	-	23	11	7	2
U-	-	-	-	-	-	-	-	-	-	-	3	13	-	-	-	-
V 5	8	21	3	5	4	1	-	-	12	-	7	-	2	8	6	1

*Not Known.
† lbs.

Table VI.

CLOSET AND ASHPIT ACCOMMODATION.

No. of approved Water-closets (fresh-water, cistern flushed)—At the end of the year			A
No. of Waste Water and Hand-flushed Closets	do.	do.	B
No. of Midden-privies (dry closets with fixed receptacles)	do.	do.	C
No. of Bucket privies (dry closets with movable receptacles)	do.	do.	D
No. of approved Earth-closets (e.g. Moule's Dry Closet)	do.	do.	E
No. of Closets over a stream	do.	do.	F
No. of Closets-in-common between two or more houses	do.	do.	G
No. of Houses without a Closet of any kind	do.	do.	H
Conversions to a better type.			
From Midden-privy to Bucket-privy			I
From Midden-privy to approved Water-closet			J
From Bucket-privy to approved Water-closet			K
From Hand-flushed Closet to approved Water Closet			L
No. of old Houses supplied with a Closet for the first time			M
No. of Closets repaired			N
ASH ACCOMMODATION.			
No. of old houses supplied with an Ashpit or Ashbin for the first time			O
No. of Ashpits replaced by approved covered Ashbin (e.g. Galvanised)			P
No. of houses without proper Ashpit or Ashbin			Q
No. of defective Ashpits repaired or Ashbins replaced			R
HOUSE DRAINS.			
Old Houses properly drained for first time			S
Defects in House Drains remedied			T

MISCELLANEOUS.

WATER AND WATER SAMPLES.	
No. of Water samples taken	U
No. found polluted	V
No. of Wells remedied	W
No. of Wells closed	X
No. of Notices sent for defective water fittings	Y
No. of old houses newly connected with the Mains	Z
DISINFECTION AND ISOLATION.	
No. of Houses (a) Disinfected (add any cases of Disinfestation)	A
(b) Supplied with disinfectants	B
No. of cases taken to Fever Hospital (including Observation cases)	C
NUISANCES.	
No. of animals improperly kept and removed	D
No. of unhealthy deposits caused to be removed	E
No. of complaints received and investigated	F
INSPECTING, &c.	
Total number of inspections during the year	G
No. of notices issued (a) Informal	H
(b) Statutory	I
(c) Total	J
No. of Prosecutions for all causes	K

PUBLIC HEALTH STAFF.

1. Medical Officer of Health–(a) Whether Whole-time (wholly in service of the one Council)	L
(b) Whether there is an Assistant M.O.H	M
2. Sanitary Inspectors (whether one or more)	N
(a) Whether Whole-time (wholly in the service of the Council)	O
(b) Whether act as Sanitary Surveyors as well	P
(c) Whether act as Highway Surveyors as well	Q
(d) Whether specialised in Meat or other subject	R
3. Whether other Health Officials employed	S
(a) Sanitary Surveyors (not being the Sanitary Inspector)	T
(b) Health Visitors	U
(c) Special Nurses (e.g. Fever—specify)	V

	1 Bangor City.	2 Bethesda U.D.	3 Llandudno U.D.	4 Llanfairfechan U.D.	5 Penmaenmawr U.D.	6 Nant Conway R.D.	7 Ogwen R.D.	8 Aethwy R.D.	9 Hiraethog R.D.	10 Carnarvon Boroughs.	11 Criccieth U.D.	12 Pwllheli Borough.	13 Porthmadoc U.D.	14 Gwyrfai R.D.	15 Lleyn R.D.	16 Dendraeth R.D.	17 Bettwsycoed U.D.
A	-	920	-	951	1267	-	327	1150	320	3250	-	1150	1068	4882	-	-	-
B	-	-	-	-	-	-	-	-	12	-	-	-	2	14	-	-	-
C	-	-	-	-	-	-	104	1100	240	-	-	-	31	1601	-	-	-
D	16	162	-	50	23	-	1144	1320	935	15	-	-	6	1765	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	7	2	-	-	-	-	-	-	-	-	34	-	-	-	-
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	5	-	-	-	-	-	2	-	-
J	-	2	2	-	-	-	-	-	4	-	-	-	-	4	1	-	-
K	-	-	-	-	-	-	-	-	-	-	-	-	-	51	21	8	-
L	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-
M	-	-	-	-	-	-	-	-	4	-	-	-	-	-	1	-	-
N	10	-	2	12	·	-	-	-	15	-	-	-	-	37	29	4	-
O	-	-	-	-	-	-	-	-	10	6	-	-	-	7	8	12	-
P	-	-	-	-	-	-	4	-	10	-		-	-	41	27	12	-
Q	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-
R	-	-	40	-	-	-	-	-	12	-	-	-	8	38	12	-	-
S	-	2	-	-	-	-	2	-	3	1	-	-	-	62	31	5	-
T	106	65	85	8	10	-	11	-	20	95	-	36	47	134	70	8	26
U	18	2	112	-	-	29	4	23	10	88	-	5	15	60	31	18	4
V	-	-	-	-	-	18	1	9	2	-	-	-	3	11	17	7	2
W	-	-	-	-	-	-	-	4	2	-	-	-	3	11	32	1	-
X	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
Y	-	56	-	24	6	14	9	-	30	65	-	35	27	84	71	16	3
Z	-	-	-	-	-	6	10	24	5	-	-	-	-	34	87	24	-
A	123	11	46	2	13	11	21	21	3	-	-	10	21	120	26	18	2
B	198	20	-	2	-	-	28	21	3	60	-	10	5	174	12	8	-
C	27	1	49	-	8	11	8	21	9	-	-	-	2	-	-	-	-
D	8	1	2	-	-	1	1	-	-	3	-	-	-	8	4	-	-
E	21	6	6	1	-	-	4	-	-	10	-	3	8	21	2	2	-
F	236	69	223	-	-	65	38	-	3	43	-	15	9	214	21	29	-
G	1891	139	2679	112	180	106	1031	-	550	820	-	350	197	2813	979	224	78
H	259	19	117	13	23	31	43	-	20	52		16	95	319	92	12	-
I	10	-	3	-	27	3	-	-	10	6	-	-	7	49	5	6	-
J	269	19	120	13	50	34	43	-	30	58	-	-	102	368	97	18	-
K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L	*a*	*a*	*a*	*a*	*a*	*a*	*a*	*a*	*a*				1		*a*		*a*
M	No	No	No	NO	No	No	No	No	No				No		No		No
N	1	1	1	1	1	1	1	1	1			1		2	2		1
O	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes	1	Yes	Yes		Yes
P	No	"	No	"	"	"	"	"	No			"	Yes	No	No		"
Q	No	"	"	"	"	No	No	No	"			"	"		Yes		"
R	Yes	"	Yes	"	"	"	Yes	Yes	"			"	"	Yes			"
S	No	No	No	No	No	"	No	No	"								No
T	"	"	"	"	"	"	"	"	"								"
U	"	"	"	"	"	"	"	"	"								"
V	"	"	"	"	"	"	"	"	"								"

a Part-time, M.O.H.;

Table VII.
FACTORIES, WORKSHOPS AND WORKPLACES.

Remarks: (1) Nuisances under the Public Health Acts. These include not only nuisances under the Public Health Acts, but those specified in Sections 1, 2, 3, 4, and 6, of the Factories Act, 1937, as remediable under the Public Health Acts.

(2.) Offences under the Factories Act, 1937. These offences include those relating to outwork and offences under the sections mentioned in Transfer of Enforcement Order 1938. (S and R.O. No. 488).

A.—INSPECTIONS for the purpose of provisions as to health, including inspections made by the Sanitary Inspector.
(Part I of the Factories Act, 1937).

Premises:

(i.) Factories in which sections 1, 2, 3, 4, and 6 are enforced by Local Authority	Number on register	A
	No. of Inspections	B
	No. of Written Notices	C
	Number of Prosecutions	D
(ii.) Factories not included in (i) in which Sect. 7 is enforced by the Local Authorities	Number on register	E
	No. of Inspections	F
	Number of Written Notices	G
	No. of Prosecutions	H
(iii.) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises).	Number on register	I
	No. of Inspections	J
	Written Notices	K
	No. of Prosecutions	L

B.—DEFECTS FOUND IN THE SAID PREMISES:

(i.) Want of cleanliness (S.I.)	Cases found	M
	Cases remedied	N
	Cases referred to or by H. M. Inspector	O
	Number of Prosecutions	P
(ii.) Overcrowding (S.2.).	Cases found	Q
	Cases remedied	R
	Cases referred to or by H.M. Inspector	S
	Number of Prosecutions	T
(iii.) Unreasonable temperature (S.3.)	Cases found	U
	Cases remedied	V
	Cases referred to or by H.M. Inspector	W
	Number of Prosecutions	X
(iv) Inadequate ventilation (S.4).	Cases found	Y
	Cases remedied	Z
	Cases referred to or by H. M. Inspector	A
	Number of Prosecutions	B
(v) Ineffective drainage of floors (S.6.)	Cases found	C
	Cases remedied	D
	Cases referred to or by H. M. Inspector	E
	Number of Prosecutions	F
(vi.) Sanitary Conveniences (S.7.) (*a*) insufficient	Cases found	G
	Cases remedied	H
	Cases referred to or by H. M. Inspector	I
	Number of Prosecutions	J
(*b*) Unsuitable or defective	Cases found	K
	Cases remedied	L
	Cases referred to or by H. M. Inspector	M
	Number of Prosecutions	N
(*c*) Not separate for sexes	Cases found	O
	Cases remedied	P
	Cases referred to or by H. M. Inspector	Q
	Number of Prosecutions	R

C. OTHER OFFENCES. (Including those relating to outwork, Part 8 of the Factories Act, 1937).	Cases found	S
	Cases remedied	T
	Cases referred to or by H. M. Inspector	U
	Number of Prosecutions	V

	Bangor City.	Bethesda U.D.	Llandudno U.D.	Llanfairfechan U.D.	Penmaenmawr U.D.	Nant Conway R. D.	Ogwen R. D.	Aethwy R. D.	Hiraethog Rural.	Caernarvon Borough.	Criccieth U. D.	Pwllheli Borough.	Portmadoc U. D.	Gwyrfai R. D.	Llevn R. D.	Dendraeth R. D.	Bettwsycoed U. D.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	16	5	89	23	13	12	8	19	–	11	26	8	40	6	112	26	2
B	16	10	50	23	29	12	19	19	–	16	26	30	49	3	94	52	5
C	5	–	–	–	–	–	–	–	–	7	–	3	2	3	12	6	–
D	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
E	66	19	21	11	6	12	4	1	30	90	–	31	20	99	16	1	4
F	59	25	43	14	21	9	15	1	29	104	–	36	20	70	10	2	6
G	9	–	–	–	–	–	–	–	–	2	–	–	4	7	3	–	–
H	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
I	—	–	7	–	–	–	–	–	–	–	–	–	2	–	1	3	–
J	—	–	9	–	–	–	–	–	–	–	–	–	2	–	2	3	–
K	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
L	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
M	4	–	4	–	–	–	–	–	–	2	–	–	–	3	7	5	–
N	4	–	4	–	–	–	–	–	–	2	–	–	–	3	6	5	–
O	1	–	2	–	–	–	–	–	–	–	–	–	–	1	–	–	–
P	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Q	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
R	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
T	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
V	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
W	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
X	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Y	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Z	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
B	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
C	—	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–
D	—	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–
E	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
F	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
G	3	1	–	–	–	–	–	–	–	3	–	–	2	1	3	1	–
H	3	1	–	–	–	–	–	–	–	3	–	–	1	1	3	1	–
I	—	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–
J	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
K	6	–	8	–	1	–	1	–	–	4	–	–	4	6	2	–	–
L	6	–	6	–	1	–	1	–	–	4	–	–	4	6	1	–	–
M	3	–	5	–	1	–	–	–	–	–	–	–	–	–	–	–	–
N	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
O	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Q	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
R	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
T	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
V	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

C.—Additional Short Local Reports.

BANGOR CITY (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating the District is contained in the series of Large Tables appertaining in common to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the District*
	1 1948	2 1947	3 1948	4	5	6	7	8	9	10
Cowsheds & Farm Dairies..	9	10	23	–	–	–	–	–	–	29
Retailing Milk Carts ..	36	38	174	7	7	7	–	–	–	–
Milk Shops (Dairy Shops)	3	3	12	–	–	–	–	–	–	–
Public Slaughter House ..	1	1	478	–	–	–	–	–	–	–
Private Slaughter House..	—	–	–	–	–	–	–	–	–	–
Meat Shops	22	22	75	2	2	2	–	–	–	–
Retailing Meat Carts ..	—	–	–	–	–	–	–	–	–	–
Factory Bakehouses ..	5	5	8	1	1	1	–	–	–	–
Workshop Bakehouses ..	10	10	17	2	2	2	–	–	–	–
Bread Shops	–	–	–	–	–	–	–	–	–	–
Retailing Bread Vans ..	9	8	11	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	68	66	59	9	9	9	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries..	15	15	21	3	3	3	–	–	–	
Workplaces	10	10	10	–	–	–	–	–	–	–
Home-Workers' Premises ..	1	1	1	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing..*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	1	7	2
B.—Occupying premises outside the District ,and importing milk into the District	–	29	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	3	3	3
Licensed	–	–	–
Total on Register	3	3	3

* Private Slaughter Houses not in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June 1948, is 13,580 compared with 12,380 for 1947 and 12,570 for 1946.

The Birth Rate is 18.41 per 1000 of the population compared with 19.17 in 1947 and 18.36 in 1946.

The General Death Rate is 11.13 per 1000 of the population compared with 13.7 in 1947 and 12.17 per 1000 of the population on 1946.

There were no deaths from Zymotic Diseases (For Zymotic Diseases—see Tables 2 and 3).

The Infantile Mortality Rate is 36.0 per 1000 live births compared with 32.52 in 1947 and 34.63 per 1000 live births in 1946.

The Death Rate from Tuberculosis is 0.51 per 1000 of the population compared with 0.63 in 1947 and 0.71 per 1000 of the population in 1946.

The Death Rate from Cancer is 1.62 per 1000 of the population compared with 1.72 in 1947 and 1.9 per 1000 of the population in 1946.

ISOLATION HOSPITAL.—During 1948, 27 patients were admitted to the Bangor Isolation Hospital. Of these, 5 were Diphtheria, and 11 Scarlet Fever.

The 11 cases other than Scarlet Fever and Diphtheria are tabulated in the Sanitary Inspector's Report.

Number of cases, in age groups, of various Notifiable Diseases :—

Age Group	Number of Cases							
	Scarlet Fever		*Whooping Cough*		*Diphtheria*		*Measles*	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year				4			8	8
1—2 yrs.			3	6			14	15
3—4 „	1	1	5	4	1	1	39	44
5—9 „		2	3	7	2		47	49
10—14 „							1	2
15—24 „							2	1
25 yrs. plus						2	1	1
Age unknown	4	3						
Totals	5	6	11	21	3	3	112	120

SANITARY INSPECTOR'S REPORT FOR THE YEAR 1948.

(G. W. Outram, M.R.S.I., M.S.I.A.)

General Summary of Visits and Inspection.

Abattoir	562
Animals and poultry	11
Bakehouses and restaurants	65
Complaints investigated	236

Cowsheds, Dairies and Milk Vans	139
Drainage inspections and tests	163
Drains cleared	106
Disinfections and Disinfestations	123
Factories and Workshops	81
Food Premises	159
Houses inspected & re-inspected (includes Survey of Council Houses)	477
Ice Cream premises (inspecting and sampling)	49
Infectious disease inquiries	91
Licensed premises, etc	67
Manure and refuse receptacles	17
Milk samples collected	119
Nuisance Abatement	48
Overcrowding	25
Owners, Agents & Builders interviewed	39
Rats and Mice Infestation	98
Shops Acts	115
Smoke Abatement	39
Stables and piggeries	13
Van-dwellers	21

PUBLIC ABATTOIR.—The quantity of meat killed at the Abattoir has decreased steadily during the past eight years. In 1940, 16,274 animals were slaughtered. This had dropped in 1948 to 9,738. This has meant a steady increasing loss in the receipts. The cost of equipment, repairs, wages, fuel, etc., has in many case trebled, but the Ministry of Food do not view with favour any increase in charges per head of animals killed. The only alternative was to appeal for a grant to cover the loss incurred. This was done very energetically by the Treasurer, and eventually the Ministry had agreed to pay 90% of the difference between the deficit of 1947/48 and the average pre-war deficit. Payment was received of £313 which represented a saving of over 1*d.*, rate to the City. The Ministry intimated that it was prepared to consider similar claims for future years.

ANIMALS SLAUGHTERED AND INSPECTED:

Beasts	1,069
Calves	2,869
Sheep and Lambs	5,700
Pigs	100

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	*Cows*	*Calves*	*Sheep and Lambs*	*Pigs*
Number killed (if known)	692	377	2869	5700	100
Number inspected	100% inspection of animals				
All diseases except Tuberculosis Whole carcases condemned	11		16	12	2
Carcases of which some part or organ was condemned	Approximately 90% owing to the incidence of flukes in the liver.		2	393	3
Percentage of the number inspected affected with disease other than tuberculosis	90%		.6%	7.1%	5.0%
Tuberculosis only. Whole Carcase condemned	24		1	—	1
Carcases of which some part or organ was condemned	155		—	—	10
Percentage of the number inspected affected with tuberculosis ..	17%		.03%	—	11%

DEAD OR IMPORTED MEAT BROUGHT IN FOR DISTRIBUTION:

Quarters of Beef:	
Home Killed	358
Imported	1,343
Carcases of Veal:	
Home Killed	63
Carcases of Pork:	
Home Killed	50½
Mutton or Lamb:	
Home Killed	9
Imported	9,554
Bags or cases of boneless meat and offal	3,212

Diseased Meat Condemned and Surrendered.

Beasts :

22	Carcases and all offal ..	..Generalised Tuberculosis.
4	„ „ „ „ ..	..Dropsical and emaciated.
2	„ „ „ „ ..	..Tuberculosis with emaciation.
2	„ „ „ „ ..	..Septic Pneumonia.
1	„ „ „ „ ..	..Leg Injuries/Toxæmia.
1	„ „ „ „ ..	..Fever (Acute)
1	„ „ „ „ ..	..Septicæmia and emaciation.
1	„ „ „ „ ..	..Malignant Tumour.
1	„ „ „ „ ..	..Oedema/Severe Injuries.
6	Forequarters	..Localised Tuberculosis.
2	„	..Septic Pericarditis.
3	„	..Decomposition/Tzinted.
1	„	..Severe Bruising.
2	Hindquarters	..Bone Taint.
2	„	..Mastitis.
1	„	..Abdominal Rupture.
1	Flat Rib	..Bruised.
2	Shanks.	.. „
1	Sirloin	.. „
1	Leg & Shoulder	..Fractured.
2	Skirts	..Localised Tuberculosis.
320	Livers	..Flukes/Angioma/Localised Tuberculosis.
504	Part Livers	..Distomatosis.
44	Heads and Tongues ..	..Localised Tuberculosis.
27	Pairs Lungs	.. „ „
35	Udders	.. „ „
5	Hearts	..Pericarditis
751	lbs. Trimmings of Beef	..Bone Taint.
51	lbs. „ „ „ ..	..Bruised.
104	lbs. Trimmings of Imported Beef.	Bone Taint.

Calves :

8	Carcases and Offal ..	..Dropsical and emaciated.
3	„ „ „ „ ..	..Immature.
1	„ „ „ „ ..	..Oedematous.
1	„ „ „ „ ..	..Septicæmia.
1	„ „ „ „ ..	..Congenital Tuberculosis.
1	„ „ „ „ ..	..Malignant Tumour.
1	„ „ „ „ ..	..Septic Pneumonia.
1	„ „ „ „ ..	..Umbilican Pyæmia.
1	Leg	..Tumour.
1	Shank	..Fracture/Bruising.

Sheep and Lambs :

2	Carcases Ewe and all offal	..Drospical and emaciated.
1	„ „ „ „ „	..Toxæmia/Febrile.
1	„ „ „ „ „	..Malignant Tumour.
2	Forequarters	..Septic Pneumonia
2	Hindquarters	..Metritis.
2	Legs	..Severe Bruising.
1	Shank	..Fracture.

6	Carcases Lamb and all offal	..Oedema/Emaciation.
1	,, ,, ,, ,, ,,	..Jaundice/Toxæmia.
1	,, ,, ,, ,, ,,	..Moribund.
3	lbs. Lamb Trimmings ..	..Bruised.
388	Livers	..Fluke/Cysts.
10	Plucks	..Cysts.

PIGS :

1	Carcase Sow and all offal	..Generalise Tuberculosis.
1	,, ,, ,, ,, ,,	..Enteritis/Septicæmia.
1	,, ,, ,, ,, ,,	..Pericarditis.
2	Forequarters	.. ,,
2	Shanks	..Arthritis.
10	Heads	..Localised Tuberculosis.
1	Liver	..Cysts.

The Total weight of meat condemned was 13 TONS. 1 CWT. 1QTR. 1 STONE. 4 LBS.

FOODSHOPS.

A considerable amount of time is spent inspecting various foodstuffs and issuing certificates of condemnation, as the list below will show :—

266	Tins "Processed" Milks	*Blown, pierced or damaged tins.*
300	Tins various Vegetables	
76	Tins Soup	
18	Tins Tomato Juice	
15	Tins Preserves	
618	lbs. Canned Meat	
93	lbs. Canned Fish	
113	lbs. Canned Fruit.	
143	lbs. Sago	*Unwholesome.*
132	lbs. Prunes	
6	lbs. Cheese	
12	lbs. Soya Flour	
84¼	lbs. Butter	
8	lbs. Barley Flakes	
36	lbs. French Walnuts	
19	cwts. Potatoes	
2½	cwts. Sprouts	
60	Doz. Lettuce.	
6	doz. Fish Cakes	
85	Jars Pickles	
38	Jars Pickled Cabbage	
2	Jars Gooseberries	
72	Pkts. Baked Puddings	
96	Pkts. Semolina	
12	Pkts. Ice Cream	
2	Pkts. Dates	
1	Pkt. Dried Egg	
140¾	Stone Wet Fish	*Decomposition.*
32¾	lbs. Bacon or Ham	

The Total amount condemned was 2 Tons. 19 Cwts. 2 Qtrs.

INFECTIOUS DISEASES.

The following table shows details of diseases notified during the year :—

Diseases	*Cases Notified*	*No. of these admiitted to Hospital*
Scarlet Fever	11	10
Diphtheria	5	5
Croup	1	1
Septic Throat	2	2
Measles	232	3
Whooping Cough	33	1
Erysipelas	3	2
Chicken Pox	1	1
Mumps	2	1
Ophthalmia Neonatorum ..	1	1
	291	27

The responsibility for administering the Isolation Hospital was transferred to the Welsh Regional Hospital Board on the 5th July, but on the request of the Board, the Treasurer, Surveyor and Sanitary Inspector were authorised to operate existing services for an interim period on behalf of the District Management Committee on the basis set out in the Agency arrangements. It is likely that the Management Committee will take over full responsibility on the 1st April, 1949.

TUBERCULOSIS.

New Notifications.....16

No. on Register, December 31st : –

(*a*) Pulmonary 113

(*b*) Non-Pulmonary .. 26 .. 139

No. of Deaths 7

„ „ "Recovered" .. 2

„ „ "Left District" 5

The number of cases which received Sanatorium or other Institutional treatment during the year was :—

Males.....16 ; Females.....5

VITAL STATISTICS.

	No. of Births	*Birth Rate*	*No. of Deaths*	*Death Rate*
1948 ..	.. 250	.. 18.41	.. 151	.. 11.13
1947 ..	.. 246	.. 19.17	.. 169	.. 13.17

It will be seen that the number of births ascribed to Bangor residents is 250, but the total number of births registered to include the County Hospital and the Craig Beuno Nursing Home is 1,597.

MILK SUPPLY.

There are thirty-three milk vendors on the register. Ten of these retail designated milk (Tuberculin Tested or Pasteurised) and twenty-three sell ungraded milk. There is one Dairy in the Borough approved by the Ministry of Food for the heat treatment of milk. Twenty-[illegible] samples of milk from this plant were submitted for laboratory examination during the year and all satisfied the prescribed tests.

Ninety-five samples of milk from retailers were submitted for bacteriological examination and eight of these were reported upon as unsatisfactory.

ICE CREAM.

The requirements of the Ice Cream (Heat Treatment) Regulations 1947, are being observed by all who manufacture the product, with the result that samples attain a higher standard of cleanliness. The Ministry of Health do not favour the adoption of a legal bacterial standard but recommend the Methylene Blue Test as a good indication of cleanliness.

A small number of samples were not satisfactory and follow up action was taken with a view to improving the methods of production and handling.

LICENSED PREMISES.

During the early part of the year an inspection was made of the thirty-two licensed premises in the Borough.

In many cases it was found that there was not separate W.C. accommodation for both sexes or the sanitary conveniences and urinals were obsolete or inadequate and could only be brought up to a reasonable standard by the provision of new W.Cs. and urinals.

In view of the restriction on building, the Health Committee considered that it would be impracticable to get all the necessary work carried out. Notices were therefore served under the provisions of Section 89 of the Public Health Act, 1936 only on the owners of licensed premises which were without separate accommodation for sexes requesting that an additional convenience be installed.

At the close of the year all but one of the licensed houses had submitted plans for approval and in most cases the work had been carried out.

RATS AND MICE CONTROL.

During the year sixty-four properties were treated. The agreements signed by owners during past years show a steady increase and many of these are renewed year by year, which is some testimony of the satisfactory service given. Experience has shown that these agreements enable premises to be cleared and kept clear by periodical inpections, with treatment as and when required at irregular periods.

Rodent control is work which calls for continuous viligence and frequent visits to prevent infestations getting out of hand. The general position in Corporation property, namely, the Public Abbattoir, Refuse Tip, and other tipping grounds, River Adda, and Council Estates, is fairly satisfactory, but there can be no "let up" if such conditions are to be maintained.

Two sewer treatments were carried out in 1948 and the results indicate that over the whole system there is a satisfactory reduction in the rat population.

VERMIN EXTERMINATION.

Operations to eradicate insect pests continue to bring satisfactory results due to toxic qualities of D.D.T. and Gammexane insecticides.

SHOPS ACTS INSPECTIONS.

Visits made to shops during the year amount to 115. Four shopkeepers had to be warned regarding hours of closing. No shop was found serving goods after hours, and no action had to be taken under the provisions of "The Employment of Young Persons Act." Nine notices requiring limewashing or cleaning of sanitary conveniences were promptly attended to.

BAKERIES.

Twenty-eight visits have been made during the year and the annual limewashing or washing of paint work of walls and ceilings was found to have been carried out satisfactorily. One baker was asked to close in the ceiling with plasterboard owing to the danger of old and perished plaster falling on to the tables.

FACTORIES AND WORKSHOPS.

Steps had to be taken during the year in providing sanitary accommodation at a few local factories and several visits have been made regarding these, in addition to routine inspections of others.

SURVEYOR'S REPORT.

(Cyril Richard, B.Sc., A.R.I.C.S., A.M.INST.MUN.E.)

HOUSING WORK.

Maintenance.

Considerable more work has been done by the Direct Labour Department and the staff has been increased by the introduction of a full-time plumber and a full-time painter. External painting of houses has been proceeding during the year with additional temporary labour.

New Housing.

60 of the new houses at Coed Mawr were completed, the 7 houses at Seiriol Road and the 6 houses at Ambrose Street.

Schemes for a further 60 houses at Coed Mawr, 10 houses at Hirael, 22 flats at Hirael and 24 flats at Maesgeirchen were prepared.

SEWERAGE AND FLOOD PREVENTION.

Foul and storm sewer extensions to cover the Housing Estates were continued. Vigilant supervision of storm overflows prevented flooding during storm periods.

WATER SUPPLIES.

Extensions of service to the Housing Estates were made.

Bacteriological Tests.

One before treatment, six after treatment, which proved satisfactory.

Chemical Tests.

One before treatment, three after treatment, which were satisfactory.

Number of dwellings supplied direct from mains—3,985 in Borough, 124 outside Borough = 4,109.

Estimated population supplied—13,650 in Borough; 500 outside Borough = 14,150.

No dwellinghouse in the Borough is supplied from standing pipes. Fifty dwellings outside the Borough with an estimated population of 200 are supplied from standing pipes.

REFUSE COLLECTION AND DISPOSAL.

The collection of domestic refuse was continued by contract. The collection is once weekly from dwellinghouses and twice from Colleges and other institutions. The disposal is by controlled tipping at Wern Fields. Salvaging operations for paper, cardboard, and metal are continuously carried on.

A further length of the stream across the tipping fields was culverted to provide an additional area for tipping.

BETHESDA URBAN DISTRICT (CAERNARVONSHIRE)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in commom to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions.*	*Purveyors from outside the District.*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948							
Cowsheds & Farm Dairies..	30	30	35	–	–	–	–	–	–	–
Retailing Milk Carts ..	8	8	16	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)	1	1	4	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
*Private Slaughter House..	1	1	–	–	–	–	–	–	–	–
Meat Shops	8	8	18	–	–	–	–	–	–	–
Retailing Meat Carts ..	1	1	1	–	–	–	–	–	–	–
Factory Bakehouses ..	8	8	12	–	–	–	–	–	–	–
Workshop Bakehouses ..	3	3	6	–	–	–	–	–	–	–
Bread Shops	5	5	7	–	–	–	–	–	–	–
Retailing Bread Vans ..	7	7	12	–	–	–	–	–	–	–
Factories(including Factory Bakehouses & Laundries)	19	19	19	–	–	–	–	–	–	–
Workshops (including Workshop Bakehouses and Laundries..	5	5	10	–	–	–	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	4	3	4
B.—Occupying premises outside the District, and importing milk into the District	2	6	6

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	1	–	–
Licensed	2	1	1
Total on Register	3	1	1

Meat is imported from Bangor.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June 1948 is 4,463 compared with 4,438 in 1947 and 4,389 in 1946.

The Birth Rate is 16.81 per 1000 of the population compared with 20.5 in 1947 and 17.5 per 1000 of the population in 1946.

The Infantile Mortality Rate is 13.33 per 1000 live births compared with 87.9 in 1947 and 25.0 per 1000 live births in 1946.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases—See Tables 2 and 3).

The General Death Rate is 16.79 per 1000 of the population compared with 16.22 in 1947 and 12.9 per 1000 of the population in 1946.

The Death Rate from Tuberculosis ia 0.89 per 1000 of the population compared with 0.22 in 1947 and 0.91 per 1000 of the population in 1946.

The Death Rate from Cancer is 3.13 per 1000 of the population compared with 1.57 in 1947, and 1.36 per 1000 of the population in 1946.

NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1948, 31 cases of infectious diseases were notified, *viz.* 3 scarlet Fever ; 4 Whooping Cough ; and 24 Measles.

Number of cases in various age groups of Notifiable Diseases :—

Age Groups.	Number of Cases					
	Scarlet Fever		*Whooping Cough*		*Measles*	
	M.	F.	M.	F.	M.	F.
Under 1 year					1	
1— 2 years	1		1			1
3— 4 „			1	1	4	1
5— 9 „	1	1		1	9	7
10—14 „						
15—24 „						
25 years plus						1
Totals :	2	1	2	2	14	10

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR.

(T. Powell Jones, M.S.I.A.)

Water Supply :

The source of supply is Afon Gaseg, the intake being 1,300 ft. O.D. The water is screened and chlorinated. The supply is plentiful, but the distributing mains should be increased in diameter in view of the housing extension. Shortage of water at Caellwyngrydd during peak periods confirms our fears that the water mains in this district are corroded internally, which will necessitate the re-laying of all the mains in this district.

Sewers :

The drains from the three housing sites at Maes Coetmor, Maes Bleddyn, and Cil Treflys have been connected to the public sewers. The sewage is treated on a six acre Land Irrigation System.

HOUSING :

38 houses at Maes Coetmor are occupied and 30 houses at Maes Bleddyn, 16 houses at Cil Treflys are in course of erection. Other housing sites have been selected and the Council is anxious to alleviate the acute demand for houses. Two private houses were erected during the year.

FOOD :

Meat is delivered from Bangor Abattoir. Milk is closely examined and other foods are inspected.

INFECTIOUS DISEASE :

Only one case was admitted to Bangor Isolation Hospital.

LLANDUDNO URBAN, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the District.*
	1 1948	2 1947	3 1948	4	5	6	7	8	9	10
Cowsheds & Farm Dairies..	46	46	48	6	6	6	–	–	–	4
Retailing Milk Carts ..	–	–	–	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)	5	5	19	–	–	–	–	–	–	–
Public Slaughter House ..	1	1	292	–	–	–	–	–	–	–
Private Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Meat Shops	18	18	–	–	–	–	–	–	–	–
Retailing Meat Carts ..	–	–	–	–	–	–	–	–	–	–
Factory Bakehouses ..	21	15	}	–	–	–	–	–	–	–
Workshop Bakehouses ..	3	7	} 43	12	12	10	–	–	–	–
Bread Shops	–	–	–	–	–	–	–	–	–	–
Retailing Bread Vans ..	–	–	–	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	89	67	50	3	3	3	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries..	21	21	43	–	–	–	–	–	–	–
Workplaces	32	32	36	–	–	–	–	–	–	–
Home-Workers' Premises ..	2	2	2	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	4	6	40
B.—Occupying premises outside the District, and importing milk into the District	4	2	2

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	–	–	–
Licensed	1	1	1
Total on Register	1	1	1

Note.–Public Abattoir only now in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June 1948, is 17,420 compared with 16,770 in 1947 and 16,980 in 1946.

The Birth Rate is 13.78 per 1000 of the population compared with 15.86 in 1947 and 13.19 per 1000 of the population in 1946.

The Infantile Mortality Rate is 37.5 per 1000 live births compared with 48.87 in 1947 and 26.7 per 1000 live births in 1946.

The General Death Rate is 12.63 per 1000 of the population compared with 13.95 in 1947 and 13.83 per 1000 of the population in 1946.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases—See Tables 2 and 3).

The Death Rate from Tuberculosis is 0.40 per 1000 of the population compared with 0.35 in 1947 and 0.47 per 1000 of the population in 1946.

The Death Rate from Cancer is 1.72 per 1000 of the population compared with 2.02 in 1947 and 2.35 per 1000 of the population in 1946.

ISOLATION HOSPITAL.

During 1948, 49 patients were admitted for treatment. Of these, 6 were from outside the District and 11 were temporary residents.

The cases admitted were :—Scarlet Fever, 18 ; Whooping Cough, 1 ; Measles, 6 ; Query Diphtheria, 7 ; Erysipelas, 4 ; Streptococal Infection of Throat, 4 ; Query Dysentery, 1 ; Gastro Enteritis, 1 ; Streptococcal Gangrene, 1 ; Acute Naso-Pharyngitis ; Influenza, 1 ; Query Meningitis, 1 ; Chronic Myorcarditis, 1 ; Acute Parotitis ; Chicken Pox, 1.

Altogether during the year, 202 Infectious Diseases were notified, *viz.* 18 Scarlet Fever ; 2 Diphtheria ; 14 Whooping Cough ; 132 Measles ; 3 Dysentery ; 22 Chicken Pox (not Statutorily notifiable) 7 ; Pneumonia ; 4 Erysipelas.

Numbers of cases in age groups of various Infectious Diseases are Tabulated below :—

Age Group	Number of Cases.							
	Scarlet Fever		*Whooping Cough*		*Measles*		*Diphtheria*	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year					1	1		
1— 2 years	3	1	3		16	7		
3— 4 ,,	1		3	2	11	11		
5— 9 ,,	2	3	1	5	42	33		
10—14 ,,	1	7			2	3		
15—24 ,,					1			
25 yrs. plus					2	1		1
Age unknown					1			
Totals :	7	11	7	7	76	56		2

REPORT OF THE SANITARY INSPECTOR.
(Mr. T. F. Roberts, M.S.I.A.)

Nuisances Abated and Defects Remedied.

Drainage and Pavements.	
Drains opened and cleansed from obstruction	61
Drains provided with efficient traps	3
New Drains and Intercepting traps provided	4
Drains re-laid	16
Soil pipes and ventilator shafts improved	1
Courts and back yards paved and repaired	1
Dwellings:	
Floors of dwelling houses relaid or repaired	4
Delapidated walls and ceilings repaired	1
Damp walls—damp proof courses inserted	2
Roofs repaired and weather-proofed	10
Additional windows provided and existing windows repaired	2
Defective roof spouting repaired	4
New waste pipes provided and others repaired	1
Houses limewashed and cleansed	17
Houses disinfected after infectious disease	28
Water Closets and Urinals:	
Additional W.C's. provided	2
Various:	
Smoke nuisances dealt with	1
Nuisances from animals kept, abated	2
Offensive accumulations removed	6
Courts and back-yards cleansed by tenants	2
Miscellaneous	69

FOOD.

(A) Milk.

The main part of the Town's milk supply is provided by the Conway alley Creameries. This supply is obtained from local farms in the Northern Area of Caernarvonshire. Untreated milk is also supplied from Local Registered Farms.

Chemical Analysis of Milk:

During the year, eighteen samples of new milk were taken for submission to the County Analyst. Of these, sixteen were found to be genuine and of good quality. Two samples were found to be slightly below Standard for Fat but there was no evidence of added water.

Bacteriological Examination of Ice Cream:

Constant observation was made upon premises used in the manufacture or sale of Ice Cream. Seventeen samples of ice cream were taken for Bacteriological Examination at the Public Health Laboratories, Conway. Reports not shewing a "Highly Satisfactory" result were followed up with the result that subsequent tests from the same source shewed Grade 1 results.

MILK—Special Designations:

There are twelve firms in the District who are licensed under the Milk (Special Designations) Orders.

COWSHEDS :

Number on register December 1947	46
Number discontinued during the year.. ..	Nil.
Number on register December 1948	46

(B) MEAT :

The Public Abattoir is under the control of the Ministry of Food. Daily inspections were made during the year totaling 292 visits. The total number of animals slaughtered and carcases inspected was as follows :—

Beasts	1555
Calves	367
Pigs	9
Sheep and Lambs	9857

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	*Cows*	*Calves*	*Sheep and Lambs*	*Pigs*
Number killed (if known)	1280	275	367	9.857	9
Number inspected	1280	275	367	9857	9
All diseases except Tuberculosis whole carcases condemned	1	6	3	7	3
Carcases of which some part or organ was condemned	738	—	—	888	—
Percentage of the number inspected affected with disease other than tuberculosis.	57.65%	—	—	9.08%	—
Tuberculosis only Whole carcases condemned	2	9	—	—	—
Carcases of which some part or organ was condemned ..	51	55	—	—	—
Percentage of the number inspected affected with tuberculosis ..	4.14%	23.27%	—	—	—

The following unsound meat and offal were condemned and disposed of under Ministry of Food supervision during 1948.

14 Carcases of Beef & Organs ; 3 Carcase of Mutton ;
6 Carcases of Lamb ; 6 Carcase of Pork ;
2 Carcase of Veal ; 1 Carcase of Cow ;
2 Hindquarters of Beef ; 2 Forequarters of Beef.
Total Weight, 8,740 *lbs.*

1,027 Sheep Livers ; 392 Ox Livers ; 337 Part Ox Livers ;
59 Ox Lungs ; 39 Ox Udders ; 20 Ox Hearts ;
13 Ox Heads ; 2 Ox Kidneys.
Total Weight : 11,678 *lbs.*

PUBLIC HEALTH MEAT REGULATIONS.

During the year 556 inspections and observations were made in connection with markets, shops, stalls, etc., in order to ascertain whether the above Regulations were being complied with.

(C) Other Foods.

The following tinned and other foods have been voluntarily surrendered by shopkeepers and others during the year :—

140 Tins of Beetroot ; 152 Tins of Beans ; 27 Tins of Cabbage ;
59 Tins of Carrots ; 92 Tins of Fish ; 195 Tins of Fruit ;
19 Tins of Grapefruit ; 50 Tins of Jam ; 54 Tins of Marmalade ;
193 Tins of Meat ; 317 Tins of Milk ; 131 Tins of Peas ;
61 Tins of Soups ; 13 Tins of Tomatoes ; 189 Tins Mixed Vegs.
4 × 4 gall. Tins of Plums ; 5 × 1 gall. Tins of Apples.
34 Jars of Mixed Pickles ; 46 Jars of Red Cabbage.

Crawfish.....15 lbs. Herrings.....7 stone.
Dried Fillets.....2½ stone. Kippers.....10 stone.
Escallops.....84 cartons. Lobster.....341 lbs.
Haddock.....5 stone. Turbot.....5½ stone.
Smoked Salmon....341 lbs.

16 lbs. of Butter ; 18 lbs. of Brawn ; 79 lbs. of Bacon ;
131 lbs. of Cheese ; 60 lbs. of Dried Peas ; 10 lbs. of Ham ;
26 lbs. of Margarine ; 60 lbs. of Prunes ; 13 lbs. of Sponge Mixture.

RATS AND MICE DESTRUCTION ACTS.

During the year 127 visits and inspections were made to rat-infested premises. Drains have been inspected and tested, and any defects discovered have been remedied. Rat runs have been sealed up and where necessary poison baits have been laid. Advice has been given to all complainants so desiring and leaflets supplied free of charge.

The Council's refuse tips have been kept under constant observation and baits laid at intervals. A complete treatment of the Council's sewers was carried out during the year, with excellent results.

The infestation work was carried out in conjunction with the Ministry of Agriculture and Fisheries, Infestation Control Division.

DISINFESTATION—ERADICATION OF BED BUGS.

The number of cases of verminous dwellings has considerably reduced during the past few years. Only three cases came to the notice of the Sanitary Inspector during 1948. These were treated with a special insecticide with excellent results. Bedding, clothing, etc., from the infested houses were, if necessary, treated at the Council's Disinfector Station. Re-visits to infested premises were not necessary after the initial treatment.

REPORT OF THE ENGINEER AND SURVEYOR.
(Mr. J. A. Edwards, B.Eng., A.M.I.C.E., A.M.T.P.I., Etc.)

During 1948, both the quality and the quantity of the water have been satisfactory. Bacteriological examinations of the raw water were made monthly at the Lakes Dulyn and Melynllyn, and at the balancing tank at Llanbedr immediately before treatment. At the last-named point water is sterilized by the Chloramine Process, using injections of Ammonia and Chlorine gases, and bacteriological examinations are taken weekly at various points in the district network.

The results have been satisfactory and the majority of reports taken by an independant Analyst at Conway Public Health Laboratories shewed Ministry of Health Classification 1. No serious contamination has been experienced, and any samples which have fallen below Classification have, on subsequent tests from the same source, yielded Class 1 results, shewing that the original inability to obtain this standard had been, probably due to sampling errors.

There are 5,669 properties in the District which are supplied with water direct. There are no properties in the town which are served by means of standpipes.

REPORT OF THE METEOROLOGICAL OBSERVER.
(Mr. Glyn A. Roberts, M.R.I.P.H., A.R.S.I.)

The Meteorological Station is situated at the Llandudno Cricket Ground and occupies a central position in the area. The station is 13 feet above mean sea level.

The instruments comprise one Kew Pattern Fortin Barometer, Maximum and Minimum Thermometers, Wet and Dry Bulb Hygrometer, Grass Miminum Thermometer, Rain Gauge and Measure, Campbell Stokes Sunshine Recorder, and Barograph. All the instruments have been tested and certified at the National Physical Laboratory, and the Station is inspected annually by an Inspector from the Meteorological Office, Air Ministry.

Telegraphed reports are made daily to the Meteorological Office, Air Ministry to assist the compilation of weather reports. Complete weather summaries are forwarded monthly to Air Ministry also.

Reports are made regularly to the Local Press, and, from time to time, special observations and researches are made for university departments, government department, insurance companies and others.

Complete sets of weather figures are avilable since 1909 and mean values and miscellaneous figures date back as far as 1861, when the late Dr. J. Nicol, M.D., the then District Medical Officer of Health, commenced to take daily weather observations.

Miscellaneous Notes on the Weather of 1947.

The total number of hours of sunshine recorded during the year 1948 was 1640.7 hours, which is 164.2 hours better than the ten years mean. Bright sunshine was recorded on 315 days during the year and the most recorded in one day was 14.9 hours on May 27th. May deserves a special mention as the sun shone on 30 of its 31 days and produced the fine average of 9.19 hours —this was the best May for more than forty years. December with a total of 74.8 hours was another point of note. This figure represents almost twice the December average and was the best December total for more than forty years.

The year's total rainfall was 27.99 inches, which is 0.30 inches above the ten years mean. The wettest month was January when 5.875 inches were recorded. This was the wettest January in more than forty years. The heaviest fall of rain in 24 hours was 0.77 inches on the 3rd January, another heavy fall of rain occurred on June 3rd when 9.73 inches were recorded. Rain fell in measurable quantity on 196 days during the year, January having the most wet days—28, and June shewing a surprising 21 wet days.

The highest temperature rcorded during the year was 90 degrees Fahrenheit on July 29th, this was the best Maximum since August 1911 when 90 degrees were previously recorded. The best ever temperature recorded in Llandudno is 93 degrees Fahr. recorded on June 27th, 1878; this 93 degrees is the best ever recorded anywhere in Wales.

The lowest temperature during the year was 27 degrees Fahrenheit recorded on the night of February 23rd/24th and the night of December 25th/26th. This represents 5 degrees of frost and was measured in the Stevenson Screen.

The last spring air frost was on the night of February 26th/27th, and the first Autumn frost was on the night of November 23rd/24th.

The following Tables show totals, means and extremes, month by month during the year 1948.

TABLE 1.

BAROMETRIC PRESSURE, VAPOUR PRESSURE, HUMIDITY AND TEMPERATURES—MONTHLY MEANS (WITH EXTREMES).

Month	*Barometer (M.B's.)*	*Vap. Press*	*Humidity*	*Mean of Max.*	*Mean of Min.*	*Mean Temp.*	*Highest Max.*	*Date*	*Lowest Min.*	*Date*
January ..	995.7	8.2	85	47.5	39.5	43.5	58	3rd	31	23rd
February ..	1020.1	7.6	80	47.2	38.0	42.6	60	8th	27	24th
March ..	1025.4	8.3	68	57.3	42.9	50.1	68	14/26	36	24th
April . ..	1011.9	9.0	73	54.7	42.8	48.7	62	16, 20 21, 22	36	10th, 30th
May ..	1016.5	9.8	69	59.4	45.3	52.3	78	18th	35	3rd
June ..	1012.9	12.1	78	61.1	50.8	55.9	74	12th	42	9th
July ..	1016.4	14.1	77	65.6	55.2	60.4	90	29th	50	17th
August ..	1011.1	13.6	78	64.4	55.4	59.9	73	14th	47	20th
September	1014.6	13.0	78	63.1	53.4	58.3	69	26, 27	39	22nd
October ..	1015.8	10.9	78	57.6	47.9	52.7	69	10th	34	27th
November ..	1019.7	9.9	81	54.9	44.4	49.7	62	12, 18 and 19th	32	23rd
December ..	1014.4	8.2	80	49.9	40.1	45.0	62	2nd	27	26th
Mean ..	1014.5	10.4	78	56.9	46.3	51.5	–	–	–	–

TABLE II.

Monthly Sunshine Totals for Ten Years 1939—1948.

Month	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
January ..	37.6	85.7	39.0	43.8	48.2	44.3	38.6	63.0	48.2	43.3
February ..	92.4	40.6	76.5	55.1	74.7	61.8	82.5	52.8	32.1	43.3
March ..	87.4	115.4	117.4	76.9	138.5	134.9	112.2	147.1	78.1	187.3
April ..	183.2	123.8	128.0	214.2	162.7	155.0	202.7	158.2	159.9	189.0
May ..	208.2	197.3	213.2	215.9	206.1	210.9	168.3	235.0	176.2	285.2
June ..	271.9	304.3	191.4	254.5	234.5	153.6	202.6	179.4	178.9	187.4
July ..	145.7	176.3	194.4	177.0	230.7	94.6	128.2	193.7	171.9	204.6
August ..	184.7	159.6	159.4	126.9	143.6	198.3	180.5	157.1	268.2	116.7
September	134.9	147.3	117.0	148.4	111.7	130.8	117.0	119.8	110.0	109.9
October ..	106.5	77.8	94.0	84.0	118.1	81.2	102.6	89.4	125.7	98.2
November..	42.5	31.0	42.1	51.7	38.3	42.2	49.0	21.9	64.3	83.8
December ..	21.8	36.2	25.4	30.3	46.4	41.9	40.2	40.2	36.7	74.8
Total (Hrs.)	1516.8	1495.3	1397.8	1478.7	1553.5	1349.5	1424.4	1457.6	1450.2	1640.7
Difference from mean 10 years ..	Plus 40.3	Plus 18.8	Minus 78.7	Plus 2.2	Plus 77.0	Minus 127.0	Minus 52.1	Minus 18.9	Minus 26.3	Plus 164.2

Total during ten years .. .. 14,764.5 hours.
Annual Mean .. .. .. 1,476.5 „

TABLE III.

Rainfall Totals—Monthly and Annual. Ten Years 1939—1948 (Inches).

Month	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
January ..	4.99	2.57	1.44	3.44	3.68	4.57	1.45	3.93	5.42	5.88
February ..	1.82	2.83	3.02	1.19	2.19	0.72	2.37	3.63	0.92	1.25
March ..	2.11	1.37	2.28	2.92	0.84	0.83	0.56	1.03	5.38	1.39
April ..	1.93	2.05	1.84	0.82	1.40	0.96	1.59	1.12	2.94	1.18
May ..	0.78	2.65	1.92	2.79	2.26	1.02	2.79	2.50	3.47	0.91
June ..	1.64	0.78	0.55	0.24	2.15	1.58	1.72	2.66	2.72	3.30
July ..	3.73	2.83	1.04	2.57	1.91	2.62	1.44	2.08	1.54	1.55
August ..	1.51	0.68	2.87	2.55	2.52	1.78	0.40	3.49	0.38	2.72
September	0.60	2.44	0.73	2.87	4.22	4.48	1.40	4.00	1.88	2.02
October ..	2.93	3.98	3.67	4.27	2.49	3.48	3.96	0.54	0.45	2.09
November..	3.86	4.56	1.42	0.82	2.41	5.94	0.30	2.78	4.13	1.45
December ..	2.66	1.68	1.46	3.54	1.57	2.52	3.28	3.65	1.64	4.25
Totals ..	28.56	28.42	22.24	28.02	27.64	30.50	21.26	31.41	30.87	27.99
Difference from mean 10 years ..	Plus 0.87	Plus 0.73	Minus 5.45	Plus 0.33	Minus 0.05	Plus 2.81	Minus 6.43	Plus 3.72	Plus 3.18	Plus 0.30

Total for ten years .. .. 276.91 inches.
Annual Mean (10 years) .. 27.69 „

TABLE IV.

Monthly Means and Extremes—Sunshine and Rainfall.

Month	Rainfall: No. of Rain days (i.e. 0.01 ins. or more)	Rainfall: Greatest fall in 24 hours (inches)	Rainfall: Date	Sunshine: Daily Mean	Sunshine: Most sun in one day (Hrs.)	Sunshine: Date	Sunshine: No. of Days on which bright Sunshine recorded
January ..	28	0.77	3rd	1.39	5.9	25th	15
February ..	14	1.30	5th	2.05	8.5	26th	21
March ..	9	0.58	31st	6.04	10.7	24th	31
April ..	14	0.29	2nd	6.30	12.7	26th	30
May ..	9	0.36	23rd	9.19	14.9	27th	30
June ..	21	0.73	3rd	6.25	13.5	12th	30
July ..	15	0.45	3rd	6.60	13.5	23rd	31
August ..	19	0.61	11th	3.76	11.3	22nd	25
September ..	15	0.53	22nd	3.66	9.2	28th	30
October ..	15	0.61	24th	3.17	7.7	5th	28
November ..	18	0.30	13th	2.79	7.7	6th	21
December ..	19	0.71	29th	2.41	6.6	1st	23
Totals ..	196 days						315 days

TABLE V.

Sunshine and Rainfall Statistics with Comparative Values for England and Wales.

Month	Sunshine: Total (Hrs.)	Sunshine: % of average	Sunshine: % of Possible	England & Wales: % of average	England & Wales: % of Possible	Rainfall: Total (Ins.)	Rainfall: % of average	Rainfall: England & Wales % of average
January ..	43.3	81	17	80	15	5.88	241	234
February ..	59.5	79	21	96	23	1.25	64	73
March ..	187.3	156	48	136	44	1.39	68	54
April ..	189.0	113	46	127	46	1.18	69	96
May ..	285.2	142	58	129	50	0.91	51	116
June ..	187.4	89	37	82	33	3.30	174	151
July ..	204.6	107	40	93	35	1.55	69	62
August ..	116.7	69	26	73	28	2.72	97	134
September ..	109.9	78	29	87	33	2.02	94	113
October ..	98.2	99	30	93	29	2.09	63	75
November ..	83.8	139	33	108	25	1.45	50	66
December ..	74.8	191	32	134	23	4.25	147	114
Mean		112%	35%	103%	32%		99%	107%
Total	1640.7 hrs.					27.99 ins.		

NOTE.—The above tables are calculated from Air Ministry mean values for the following periods :—

Sunshine, 1906—1935 ;
Rainfall, 1881—1915.

The percentage of possible sunshine is calculated with refeence to the maximum duration theoretically possible in the latitude of this Station. Declinations of less than 3 degrees at sunrise and sunset are not allowed for as the sun would not have sufficient strength to record.

TABLE VI.

WIND DIRECTIONS AND WIND FORCE STATISTICS YEAR 1948.

Month	*Force 6–8 over*	*Force 6–7*	*Force 4–5*	*Force 1–3*	*Calm*	*N.*	*NE.*	*E.*	*SE.*	*S.*	*SW.*	*W.*	*NW.*
January ..	2	1	8	19	1	0	2	6	1	5	8	5	3
February ..	1	3	9	14	2	0	3	6	3	2	11	2	0
March ..	0	1	6	11	2	1	1	2	3	8	9	5	0
April ..	1	1	3	24	1	0	5	1	1	5	6	9	2
May ..	0	0	3	28	0	2	13	2	0	0	6	8	0
June ..	0	0	10	20	0	1	3	1	1	3	10	10	1
July ..	1	0	8	22	0	2	3	0	0	4	3	12	7
August ..	0	5	6	15	5	0	1	2	0	5	11	6	1
September ..	0	4	9	15	2	1	0	0	0	3	12	11	1
October ..	0	0	7	22	2	0	0	0	5	6	14	4	0
November ..	0	3	4	14	9	0	0	1	2	4	7	7	0
December ..	1	2	6	19	3	1	0	3	3	8	9	3	1
Totals ..	6	20	79	224	27	8	31	24	19	53	106	82	16

The "wind forces" in the above table are in accordance with Beaufort's Scale, as follows :—

Force	*Explanatory Titles*	*Limits of Speeds (Miles per hour.)*
0.	Calm	less than 1 m.p.h.
1.	Light Air	1 —— 3. mp.h.
2.	Light Breeze	4 — 7 m.p.h.
3.	Gentle Breeze	8 — 12 m.p.h.
4.	Moderate Breeze	13 — 18 m.p.h.
5.	Fresh Breeze	19 — 24 m.p.h.
6.	Strong Breeze	25 — 31 m.p.h.
7.***	Moderate Gale	32 — 38 m.p.h.
8.	Fresh Gale	39 — 46 m.p.h.
9.	Strong Gale	47 — 54 m.p.h.
10.	Whole Gale	55 — 63 m.p.h.
11.	Storm	64 — 75 mp.h.
12.	Hurricane	Above 75 m.p.h.

*** For the purpose of statistical summaries, winds of Force 7 are not rgarded as Gales.

Winds of Force 10, 11 and 12 are seldom experienced inland, and in this Country winds of above Force 10 are very rarely encountered in the closely surrounding waters.

LLANFAIRFECHAN URBAN, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in commom to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the Distric*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948							
Cowsheds & Farm Dairies..	31	31	12	–	–	–	–	–	–	3
Retailing Milk Carts ..	8	8	18	–	–	–	–	–	–	3
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	-
*Private Slaughter House..	5	5	–	–	–	–	–	–	–	–
Meat Shops	4	4	32	–	–	–	–	–	–	–
Retailing Meat Carts ..	–	–	–	–	–	–	–	–	–	–
Factory Bakehouses ..	3	3	12	–	–	–	–	–	–	–
Workshop Bakehouses ..	2	2	6	–	–	–	–	–	–	–
Bread Shops	9	9	27	–	–	–	–	-	–	–
Retailing Bread Vans ..	5	5	5	–	–	–	–	–	–	–
Factories(including Factory Bakehouses & Laundries)	11	11	20	–	–	–	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries..	23	23	26	–	–	–	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing*	*Wholesalling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	–	31	–
B.—Occupying premises outside the District, and importing milk into the District	–	3	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	3	3	3
Licensed (The Public Abbattoir)	2	2	2
Total on Register	5	5	5

*Private Slaughter Houses not in use. Meat is imported from Llandudno.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June 1948, is 3,190 compared with 3,008 in 1947, and 3,106 in 1946.

The Birth Rate is 12.85 per 1000 of the population compared with 19.94 in 1947 and 17.23 per 1000 of the population in 1946.

The Infantile Mortality Rate is 48.78 per 1,000 live births compared with 16.66 in 1947, and 38.46 per 1000 live births in 1946.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases—See Tables 2 and 3).

The General Death Rate is 14.42 per 1,000 of the population compared with 11.63 in 1947 and 15.58 per 1,000 of the population in 1946.

The Death Rate from Tuberculosis is 0.31 per 1,000 of the population compared with 0.33 in 1947. There were no deaths from Tuberculosis in 1946.

The Death Rate from Cancer is 2.82 per 1,000 of the population compared with 1.32 in 1947 and 1.65 per 1,000 of the population in 1946.

Infectious Diseases.

During 1948, 55 infectious diseases were notified, viz.: 10 measles; 45 Chicken Pox (not statutorily notifiable.)

The Numbers of cases in age groups of the Measles cases are tabulated below :—

Age Groups—Measles Cases.

Age Groups	*Numbers of Cases*	
	Male	*Female*
Under 1 year ..	1	–
1 — 2 years ..	1	1
3 — 4 years	3	3
5 — 9 years ..	–	1
Totals :	5	5

REPORT OF SURVEYOR AND SANITARY INSPECTOR.

(Mr. Evan Williams, C.R.S.I., A.F.S. (Eng.)

Water Supply.

The chief source of supply is Aber Lake, with a secondary supply drawn from Camarnaint, which supplies the lower zone of the district. The question of the provision of Filtration and Chlorination of the supplies has not yet materialised, and the Council are going forward with these schemes as soon as possible.

SEWERAGE WORKS.

The upper portion of the town sewers gravitate direct to sea, and the lower portion is pumped out from storage chambers during the ebb tide daily. The usual flushing and maintenance is being carried out.

PUBLIC CONVENIENCES.

There are six of these within the district, and are cleaned out once daily, and twice during the summer months.

FOOD INSPECTION.

The following quantities of foods were voluntarily surrendered as being unfit for human consumption.

Bacon, 73 lbs.;	Sausages, 12 lbs.;
Fish, 28 lbs.;	Butter, 3 lbs.;

124 tins of various foods.

SCAVENGING.

The main roads are swept daily, and other roads twice weekly.

HOUSE REFUSE.

The refuse is collected by the Council's own lorry and staff, and a weekly collection is made, and Hotels and Shops are collected twice weekly.

The refuse tip is kept in a tidy condition, and treated for rodent control.

RIVER.

The river is kept under supervision, and is in a clean condition.

DISINFECTION.

In all cases after infectious cases the rooms are fumigated. Formaldehyde being the agent used, and bedding is destroyed and replaced at the expense of the Council.

HOUSING.

Twelve houses were completed during the year, and a further thirty eight are under construction.

PENMAENMAWR URBAN. (CAERNARVONSHIRE)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from*
	1 1948	2 1947	3 1948	4	5	6	7	8	9	10
Cowsheds & Farm Dairies..	9	11	12	–	–	–	–	–	–	–
Retailing Milk Carts ..	6	7	18	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Private Slaughter House*..	3	3	–	–	–	–	–	–	–	–
Meat Shops	5	5	20	–	–	–	–	–	–	–
Retailing Meat Carts ..	–	–	–	–	–	–	–	–	–	–
Factory Bakehouses ..	5	4	6	–	–	–	–	–	–	–
Workshop Bakehouses ..	–	–	–	–	–	–	–	–	–	–
Bread Shops	17	17	22	–	–	–	–	–	–	–
Retailing Bread Vans ..	2	2	8	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	6	6	9	–	–	–	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries)	13	13	15	–	–	–	–	–	–	–
Workplaces	20	20	12	–	–	–	–	–	–	–
Home-Workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing..*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	3	3	–
B.—Occupying premises outside the District ,and importing milk into the District	–	–	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	1	1	1
Licensed	2	2	2
Total on Register	3	3	3

*Private Slaughter Houses not in use. Meat is imported from Llandudno.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June 1948, is 4,086 compared with 4,006 in 1947 and 4,059 in 1946.

The Birth Rate is 12.48 per 1000 of the population compared with 15.97 in 1947 and 16.76 per 1000 of the population in 1946.

The Infantile Mortality Rate is 58.81 per 1000 live births compared with 78.12 in 1947 and 58.82 per 1000 live births in 1946.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases—See Tables 2 and 3.)

The General Death Rate is 13.46 per 1000 of the population compared with 18.97 in 1947 and 15.28 per 1000 of the population in 1946.

The Death Rate from Tuberculosis is 0.48 per 1000 of the population compared with 0.99 in 1947 and 1.47 per 1000 of the population in 1946.

The Death Rate from Cancer is 3.66 per 1000 of the population compared with 2.74 in 1947 and 2.46 per 1000 of the population in 1946.

Infectious Diseases.

During 1948, 17 Infectious Diseases were notified, viz.: 8 Scarlet Fever; 2 Whooping Cough; 3 Pneumonia; 1 Erysipelas; 3 Chicken Pox (not statutorily notifiable).

Numbers of various age groups of Scarlet Fever cases are tabulated below.

Age Groups of Scarlet Fever Cases.

Age Groups.	*Number of Cases*	
	Males	*Females.*
Under 1 year	—	—
1 — 2 years	–	1
3 — 4 years	–	–
5 — 9 years	–	5
10 — 14 years	1	–
15 — 24 years	–	1
25 years plus	–	–
Totals	1	7

REPORT OF SANITARY INSPECTOR AND SURVEYOR FOR THE YEAR 1948

(Mr. J. Parry-Hughes, M.I.,Mun.E., C.R.S.I.)

Water Supply.

During the Year under review (1948) no restrictions were necessary in the supply of water to the Town, but the threat of curtailment does arise each Year if a dry Spring and Early Summer occurs, unless storage of a sufficient capacity is provided to meet demands of an increased Summer population. Recourse to emergency supplies which are available, may be a palliative, but the question does arise as to whether the flow of such are sufficient in a very dry season to equal the demand so as to obviate curtailment of supplies.

Irrespective of storage, it is very necessary that filtration must be adopted if the Council desire a clean supply.

CHLORINATION.

Continued chlorination of the water supply is carried out and the Council are now in possession of two Portable Chlorinating machines for use on emergency supplies if such necessity arises.

HOUSING.

Another 30 houses are added to the Council Housing Estates during the year and another 20 are expected to be completed early in 1949. There is no doubt that a commencement will be made in 1949 with the erection of a further 78 houses.

SEWERAGE.

The sewerage system worked satisfactorily throughout the Year.

UNSOUND FOOD.

I am glad to report that the Traders in the area are giving splendid co-operation in reporting and voluntarily surrendering unsound food, whether in its natural state or tinned.

NANT CONWAY RURAL, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the District.*
	1 1948	2 1947	3 1948	4	5	6	7	8	9	10
Cowsheds & Farm Dairies	291	287	41	9	6	6	–	–	–	–
Retailing Milk Carts ..	23	22	36	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
*Private Slaughter House..	7	7	–	–	–	–	–	–	–	–
Meat Shops	4	4	21	–	–	–	–	–	–	–
Retailing Meat Carts ..	8	8	19	–	–	–	–	–	–	–
Factory Bakehouses ..	4	4	–	–	–	–	–	–	–	–
Workshop Bakehouses ..	11	11	4	–	–	–	–	–	–	–
Bread Shops	19	19	3	–	–	–	–	–	–	–
Retailing Bread Vans ..	14	14	1	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	12	12	10	–	–	–	–	–	–	–
Workshops (including Workshop Bakehouses and Laundries	12	12	7	–	–	–	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises..	–	–	–	–	–	–	–		–	–
Offensive Trades ..	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	–	57	102
B.—Occupying premises outside the District, and importing milk into the District	–	–	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered–only	4	4	4
Licensed	3	3	3
Total on Register	7	7	7

Note—The District is without a Public Abattoir.
*Private Slaughter Houses not in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June 1948, is 6,425 compared with 5,920 in 1947 and 5,907 in 1946.

The Birth Rate is 13.70 per 1000 of the population compared with 14.86 in 1947 and 15.35 per 1000 of the population in 1946.

The Infantile Mortality Rate is 22.72 per 1000 live births compared with 45.45 in 1947 and 32.96 per 1000 live births in 1946.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases—See Tables 2 and 3.)

The General Death Rate is 12.29 per 1000 of the population compared with 17.39 in 1947 and 15.06 per 1000 of the population in 1946.

The Death Rate from Tuberculosis is 0.77 per 1000 of the population compared with 0.84 in 1947 and 1.16 per 1000 of the population in 1946.

The Death Rata from Cancer is 2.17 per 1000 of the population compared with 4.39 in 1947 and 2.2 per 1000 of the population in 1946.

Infectious Diseases.

During 1948, 81 Infectious Diseases were notified viz.: 11 Scarlet Fe ver; 23 Whooping Cough; 44 Measles; 1 Chicken Pox; 2 Acute Pneumonia.

The number of cases in Age Groups of Scarlet Fever, Whooping Cough and Measles are tabulated below:—

Age Groups	*Number of Cases*					
	Scarlet Fever		*Whooping Cough*		*Measles*	
	M.	*F.*	*M.*	*F.*	*M.*	*F.*
0 — years					1	1
1 — 2 years ..			4	1	1	6
3 — 4 years			4	5		3
5 — 9 years	1	3	4	5	17	7
10 — 14 years	7				2	2
15 — 24 years					3	
25 up						1
Total ..	8	3	12	11	24	20

REPORT OF THE SANITARY INSPECTOR AND SURVEYOR.
(Mr. C. A. Kortegas, M.S.I.A.)

Water.

Dolgarrog.—The supply from the Conway and Colwyn Bay Joint Water Board has been satisfactory in quality and quantity throughout the year.

Dolwyddelen.—The work of replacing 450 yards of 3″ Cast Iron Main near the reservoir with 5″ Asbestos Pipes was undertaken during the year, and this has materially improved the supply to the filter. No shortage being experienced during the year.

Penmachno.—A shortage was experienced during the summer months, and an Emergency Scheme, approved by the Welsh Board of Health, was commenced in July, and consisted of the construction of a dam across Afon Glasgwm, and the laying of 2,300 yards of 3″ Asbestos Pipes to the existing reservoir. It is proposed to chlorinate this new supply, and it is hoped that the scheme will be completed early in 1949.

Roewen.—The supply has again been inadequate to meet the demand, and shortage was experienced during the summer months.

Trefriw.—The work of installing a new Intake at Crafnant Lake was completed during the year, and a Chlorinating Plant was installed. No shortage was experienced during the year.

Conway Valley Water Supply Scheme.—An enquiry was held by the Welsh Board of Health, into the above scheme, and the department's approval was formally received towards the end of the year. It is hoped to commence this scheme which will cost approximately £90,000 in May, 1949. The completed scheme will supply the whole of the northern half of the district.

Eidda.—A temporary scheme has been commenced in this parish to await the advent of the major Conway Lake Scheme. The temporary scheme will consist of the tapping of the Hiraethog R.D.C. Main near the boundary, and the laying of 3″ mains throughout the parish.

(*ii.*) Bacteriological and Chemical examination of the pipe supply from Crafnant Lake, Trefriw, show that the water is Class 1, and highly satisfactory bacteriologically. Shows some "erosion" of lead.

A Bacteriological examination of the Conway and Colwyn Bay Water Supply is classified as highly satisfactory.

(*iii.*) *Plumbosolvency.*—A chemical analysis of water from Crafnant Lake was reported on as follows :—

> "The water shows some "erosion" of lead, but as no lead is present in the sample, which I presume has passed through the lead pipe, there should be no danger of lead in the water. Care should be taken with new lead pipes to run off water for some days when such pipes are first installed."

Every precaution is taken in regard to this matter.

Drainage and Sewerage.—No change.

Meat and other Foods.—Periodic visits are made to shops and other premises where food is prepared and the standard of cleanliness remains high in all such premises.

(*v.*) Particulars of the number of dwelling houses and the number of the population supplied from public water mains :—

	(*a*) *Direct to the houses*	(*b*) *By means of stand-pipes*
Dolwyddelen	180	Nil.
Capel Curig	5	Nil.
Caerhun	70	35
Henryd	35	Nil.
Eidda	—	—
Trefriw	238	Nil.
Llanrhychwyn	14	Nil.
Dolgarrog	167	Nil.
Penmachno (Cwm)	62	43
Penmachno	131	12
Llanbedr	63	10
Maenan	5	—
Abbey	—	Nil.

OGWEN RURAL, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the District.*
	1 1948	2 1947	3 1948	4	5	6	7	8	9	10
Cowsheds & Farm Dairies..	101	100	73	7	7	7	–	–	–	–
Retailing Milk Carts ..	20	21	35	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Private Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Meat Shops	3	3	24	–	–	–	–	–	–	–
Retailing Meat Carts ..	3	3	25	–	–	–	–	–	–	–
Factory Bakehouses ..	1	1	4	–	–	–	–	–	–	–
Workshop Bakehouses ..	1	1	4	–	–	–	–	–	–	–
Bread Shops	7	7	7	–	–	–	–	–	–	–
Retailing Bread Vans ..	4	4	7	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	8	4	19	–	–	–	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries..	8	8	13	–	–	–	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	2	39	61
B.—Occupying premises outside the District, and importing milk into the District	–	–	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	–	–	–
Licensed	–	–	–
Total on Register	–	–	–

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June, 1948, is 4,780 compared with 4780 in 1947 and 4,723 in 1946.

The Birth Rate is 17.34 per 1000 of the population, compared with 17.15 in 1947 and 16.09 per 1000 in 1946.

The Infantile Mortality Rate is 24.39 per 1000 live births compared with 12.18 in 1947 and 39.47 per 1000 in 1946.

There were no deaths from Zymotic Diseases (For Zymotic Diseases—see Tables 2 and 3.)

The General Death Rate is 16.06 per 1000 of the population compared with 13.8 in 1947 and 13.99 per 1,000 in 1946.

The Death Rate from Tuberculosis is 2.53 per 1000 of the population compared with 0.83 in 1947 and 0.63 per 1000 in 1946.

The Death Rate from Cancer is 2.11 per 1000 of the population, compared with 2.30 in 1947 and 2.12 per 1000 in 1946.

Infectious Diseases.

During 1948, 61 infectious diseases were notified viz.: 7 Scarlet Fever, 1 Diphtheria; 12 Whooping Cough; 37 Measles; 2 Chicken Pox; 1 Acute Pneumonia; 1 Erysipelas.

The numbers of various infectious diseases in age groups are tabulated below.

	Number of Cases.							
	Scarlet Fever		*Measles*		*Whooping Cough*		*Diphtheria*	
Age Groups	*M.*	*F.*	*M.*	*F.*	*M.*	*F.*	*M.*	*F.*
0 — years ..				2				
1 — 2 years ..	1			4		2		
3 — 4 years ..	1		3	12	3	2		
5 — 9 years ..	3	2	7	7	5			1
10 — 14 years ..				2				
Total ..	5	2	10	27	8	4		1

REPORT OF SANITARY INSPECTOR FOR THE YEAR 1948.
(Mr. R. H. Jones, C.R.S.I.)

Water Supply.

Supplies controlled by the Council were sufficient to meet all demands.

Difficulties have arisen in connection with the Council's proposals for extending branch mains from the Marchlyn Scheme to supply the villages of Aber and Aberpwll. It is hoped that these will be soon overcome as, every summer, the intermittent springs supplying Aberpwll become dry causing serious hardships.

Sewerage.

It is probable that the scheme prepared for the Tregarth district will go to tender during the coming year.

Surveys for schemes in other localities have been completed. It appears likely that when work is commenced at Tregarth that it will continue on a progressive scale in the other localities, where the absence or primitive nature of existing sewerage arrangements render the conditions very unsatisfactory.

HOUSING.

The Rural Housing Survey was completed early in the year. The following brief summary of findings :—

1. *Housing.*

Number of houses scheduled as unfit for habitation	379
Houses in need of reconditioning	372
Houses requiring structural alterations and repair	246
Houses fit for habitation	549

2. *Sanitation.*

Houses with W.C. and bathroom	228
Houses with W.C. only	77
Houses with bathroom only	13
Houses with pail closets	1144
Houses with privy closets	104

3. *Water Supply.*

Houses with internal supply	446
Houses with external supply	236
Houses supplied from stand-pipes	297
Houses with internal private supply	112
Houses with external private supply	362

4. *Overcrowding.*

Houses overcrowded	51
Number of persons affected	301
Number of families affected	64
The average number of persons per house is	3.22
The number of owner-occupiers is	239
Number of leasehold properties	74

Twenty Airey and twelve traditional houses were completed during the year. Work is progressing on an additional sixty houses.

MILK SUPPLY.

Six Cowsheds were re-modelled during the year. There is continued progress in this direction.

REFUSE COLLECTION.

The work is carried out by contract, and four sites are in use for controlled tipping.

RATS AND MICE DESTRUCTION.

Regular attention is paid to all known points of infestation.

DISINFECTION.

Rooms and contents are disinfected with formalin spray and fumigators. Bedding is subjected to steam disinfection at the Isolation Hospital at Bangor. Where recommended by the Medical Officer, the Council compensates for the destruction of bedding in cases of tuberculosis.

AETHWY RURAL, (ANGLESEY).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the District.*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948							
Cowsheds & Farm Dairies..	290	262	108	–	–	–	–	–	–	
Retailing Milk Carts ..	19	19	16	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Private Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Meat Shops	12	12	10	–	–	–	–	–	–	–
Retailing Meat Carts ..	–	3	–	–	–	–	–	–	–	–
Factory Bakehouses ..	–	–	–	–	–	–	–	–	–	–
Workshop Bakehouses ..	15	15	15	–	–	–	–	–	–	–
Bread Shops	–	–	–	–	–	–	–	–	–	–
Retailing Bread Vans ..	–	–	–	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	1	–	1	–	–	–	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries..	19	20	19	–	–	–	–	–	–	
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing..*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	2	56	262
B.—Occupying premises outside the District ,and importing milk into the District	–	–	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	–	–	–
Licensed	–	–	–
Total on Register	–	–	–

No meat is slaughtered within the District but is imported from Beaumaris and Llangefni.

SUMMARY OF VITAL STATISTICS FOR THE YEAR. 1948

The estimated population furnished by the Registrar General for June 1948, is 10,350 compared with 10,310 in 1947 and 10,240 in 1946.

The Birth Rate is 10.24 per 1,000 of the population, compared with 19.11 in 1947, [illegible] 18.26 per 1000 in 1946.

The Infantile Mortality Rate is 56.6 per 1,000 live births, compared with 25.38 in 1947 and 42.78 per 1,000 live births in 1946.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 13.60 per 1,000 of the population compared with 15.42 in 1947 and 13.76 per 1,000 of the population in 1946.

The Death Rate from Tuberculosis is 0.77 per 1,000 of the population compared with 1.16 in 1947 and 1.07 per 1,000 in 1946.

The Death Rate from Cancer is 1.83 per 1,000 of the population compared with 2.42 in 1947 and 1.75 per 1,000 in 1946.

INFECTIOUS DISEASES.

During 1948, 229 Infectious diseases were notified, viz.: 8 Scarlet Fever; 1 Diphtheria; 19 Whooping Cough; 195 Measles; 5 Chicken Pox; 1 Acute Pneumonia.

The numbers of the various diseases in Age Groups are tabulated below.

Age Groups	*Number of Cases.*							
	Scarlet Fever		*Whooping Cough*		*Measles*		*Diphtheria*	
	M.	*F.*	*M.*	*F.*	*M.*	*F.*	*M.*	*F.*
0 — years ..				1	2	3		
1 — 2 years ..			1	2	5	13		
3 — 4 years ..	1	1	2	6	18	20		1
5 — 9 years ..	1	3	3	3	51	42		
10 — 14 years ..		1	1		12	3		
15 — 24 years ..		1	1		5	5		
25 abd over ..					3	7		
Age unknown ..					2	4		
TOTAL ..	2	6	7	12	98	97		1

REPORT OF THE SANITARY INSPECTOR.

(Mr. CHRISTOPHER HUGHES, C.R.S.I.)

WATER SUPPLY.

The water supply of the district is generally derived from shallow wells, and is a constant source of complaint and concern to the Council. The Llandegfan piped water supply scheme which was constructed and completeed in 1943 by direct labour is working satisfactorily. Unfortunately, there is not sufficient water to provide a full pipe supply during a very dry summer.

There are 23 stand posts, well distributed, to supply a population of about 350, and there are 25 houses connected direct to the main.

The Anglesey Water Committee has recently completed the Bryngwyn Mawr Scheme, which is now in operation, and serves the villages of Brynsiencyn, Dwyran and Newborough, the 12 houses constructed by the Council at the villages mentioned during 1947/48.

The Cefni Water Supply Scheme carried out by the Anglesey Water Committee has commenced, and the head works are in an advanced stage of construction.

Piped water from the Cefni Scheme will be available for some parts of the Rural District in 1951.

Samples are continued to be taken for bacteriological examinations and many of them are not satisfactory. Every attempt is being made to find out the cause of pollution, sometimes with and sometimes without success.

SCAVENGING.

The scavenging of the whole area is collected twice a month. The Council has now purchased a lorry and the scavenging will continue to be collected every fortnight all the year round. The question of pail closet collection in the whole of the Rural Area is a service which the Council appreciates should be carried out without further delay. The question of Sewage Disposal Works estimatad at a cost of £120,000 is under consideration by the Council at present. Every effort will be made to commence on one of the schemes this year.

HOUSING.

The lack of water and Sewage Disposal Works is still one of the hindrances to rapid building progress. The Bryngwyn Mawr Scheme is now operating at Brynsiencyn, Dwyran and Newborough, and the question of Sewage Disposal to deal with the increased foul water cannot be delayed much longer because without adequate drainage pipe water supply only tends to aggravate insanitary conditions.

Sewage Disposal works must be sited at least 100 yards from any house, which means that the works have to be built outside the curtilage of the housing site.

The Council's Consulting Engineers are dealing with the problem.

DISINFECTION.

Laycock's fumigators and spraying are used for disinfecting houses. In my opinion this method is not sufficient and a steam disinfector for steaming bedding and clothing is necessary. The Council still recommend that a steam disinfector should be provided in the County for the use of the Local Authorities and that a suitable conveyance should be acquired to transport bedding, etc., to and from the disinfecting station.

MILK AND DAIRIES ORDERS.

The general condition of the cowsheds and dairies continues to show improvement. No new applicant for registration is granted unless the premises are brought up to a reasonable standard of fitness. The shortness of labour, materials and piped water definitely prevents rapid and complete modern shippons and dairies, which are certainly indispensable for clean milk production.

HIRAETHOG RURAL (DENBIGHSHIRE).

Besides these pages specially devoted to this District, equally important matter relating tothe District is contained in the series of Large Tables appertaining in common to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the District.*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948							
Cowsheds & Farm Dairies..	590	580	40	10	–	10	–	–	–	–
Retailing Milk Carts ..	6	6	6	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
*Private Slaughter House..	7	7	7	–	–	–	–	–	–	–
Meat Shops	6	6	6	–	–	–	–	–	–	–
Retailing Meat Carts ..	4	4	–	–	–	–	–	–	–	–
Factory Bakehouses ..	–	–	–	–	–	–	–	–	–	–
Workshop Bakehouses ..	5	5	5	–	–	–	–	–	–	–
Bread Shops	17	17	4	–	–	–	–	–	–	–
Retailing Bread Vans ..	–	–	–	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries	–	–	–	–	–	–	–	–	–	–
Workshops (including Workshop Bakehouses and Laundries..	36	36	22	–	–	–	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both ..	–	14	590
B.—Occupying premises outside the District, and importing milk into the District	–	–	–

SLAUGERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	7	7	7
Licensed	–	–	–
Total on Register	7	7	7

Note.—No meat is slaughtered within the District but is imported from outside (Colwyn Bay, Abergele, Corwen).

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June 1948 is 5,195, compared with 5,191 in 1947 and 5,181 in 1946.

The Birth Rate is 16.55 per 1,000 of the population compared with 17.53 in 1947 and 17.17 per 1,000 of the population in 1946.

The Infant Mortality Rate is 23.25 per 1,000 live births compared with 76.93 in 1947 and 56.1 per 1,000 live births in 1946.

The General Death Rate is 12.51 per 1,000 of the population compared with 14.45 in 1947 and 1.0 per 1,000 of the population in 1946.

There were no deaths from Tuberculosis.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3.)

The Death Rate from Cancer is 2.50 per 1,000 of the population compared with 3.21 in 1947 and 2.31 per 1,000 of the population in 1946.

INFECTIOUS DISEASES.

During 1948, 36 Infectious Diseases were notified, viz.: 10 Scarlet Fever; 8 Whooping Cough; 16 Measles; 2 Chicken Pox; (Not Statutorily Notifiable.)

The Numbers of Scarlet Fever, Whooping Cough and Measles cases in various Age Grouops are tabulated below.

Age Groups	*Number of Cases.*					
	Scarlet Fever		*Whooping Cough*		*Measles*	
	M.	*F.*	*M.*	*F.*	*M.*	*F.*
Under 1 year	—	1	—	—	—	1
1 — 2 years ..	1	—	—	2	1	1
3 — 4 years	1	—	4	—	1	2
5 — 9 years	2	—	—	2	4	2
10 — 14 years	2	2	—	—	1	1
15 — 24 years	—	—	—	—	—	2
25 years and over ..	—	—	—	—	—	—
Age unknown	—	1	—	—	—	—
TOTALS	6	4	4	4	7	9

SURVEYOR'S REPORT.

WATER SUPPLIES.

Owing to the wet summer experienced in 1948 little difficulty was met with in maintaining existing supplies. Little progress has been made in getting down to providing a satisfactory piped supply for the whole district as envisaged by the Council's Llyn Conway Scheme. Commencement on the work of providing a piped supply for the village of Eglwysbach has been commenced upon and it is anticipated that a supply of water will be made available to 73 houses and 14 farms in this part of the area when completed. The lack of ample piped supplies of water is at present slowing

down housing and sewerage programmes and in order to proceed with some of the work on housing an effort has been made to obtain temporary sources of supplies. Eight samples of water were taken for analysis to ascertain whether supplies were suitable for this purpose.

The following schedule gives the number of houses which are supplied direct to the houses from stand-pipes in each Parish from Public Water Mains :—

	Direct Mains			*Stand-Pipes off Mains*	
Parish	*Houses*	*Population*	..	*Houses*	*Population*
Llangwm	3	10	..	7	20
Llanfihangel G.M.	12	25	..	3	10
Cerrigydrudion ..	87	251	..	36	108
Pentrevolas ..	*No Mains in Parish*		..	*Private supplies piped.*	
Yspytty Ifan ..	7	20	..	18	39
Llanrwst Rural ..	—	—	..	13	32
Llanddoget ..	*No Mains in Area.*		..		
Llangerniew ..	45	255	..	2	5
Gwytherin ..	5	14	..	10	26
Eglwysbach ..	5	12	..	9	24
TOTAL ..	164	587	..	98	264

Tenders have been invited for a temporary supply scheme at Melin-y-Coed and it is hoped to commence on this work early in the new year.

REFUSE COLLECTION.

Refuse collection is carried out once every two weeks throughout the district. Night soil collection is carried out in three small hamlets. The work is carried out by the Council's own vehicle.

MEAT.

The fresh meat supplies for the district are brought into the district from outside areas and from three different slaughtering points, one at Colwyn Bay, one at Abergele and the other point is at Corwen.

HOUSING.

During the year twelve houses were completed, four at Llangerniew, four at Pentrevoelas and four at Cerrigydruidion. Tenders have been accepted for a further eight at Melin-y-Coed and tenders invited for a further twelve—eight at Llanfihangel G.M. and four at Llangwm village.

MILK SUPPLIES.

During the year 24 applications were made for registration under the Milk and Dairies Orders ; out of the 24 six were for re-registration. No trouble is experienced in getting the applicants to bring their buildings up to the required standard. there are 92 licensed producers of T.T. milk in the district and 3 accredited producers. The bulk of the milk produced is taken by the C.W.S. Creameries.

BREAD.

There are five registered bake-houses in the area. These are periodically visited.

CAERNARVON BOROUGH, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report. and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the District.*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948							
Cowsheds & Farm Dairies..	23	28	92	3	3	3	–	–	–	5
Retailing Milk Carts ..	19	23	115	5	5	5	–	–	–	–
Milk Shops (Dairy Shops)	3	3	12	–	–	–	–	–	–	–
Public Slaughter House ..	1	1	370	–	–	–	–	–	–	–
Private Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Meat Shops	14	14	63	4	4	4	–	–	–	–
Retailing Meat Carts ..	–	–	–	–	–	–	–	–	–	–
Factory Bakehouses ..	10	10	26	2	2	2	–	–	–	–
Workshop Bakehouses ..	–	–	–	–	–	–	–	–	–	–
Bread Shops	32	32	40	–	–	–	–	–	–	
Retailing Bread Vans ..	4	4	4	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	–	–	–	–	–	–	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries..	93	93	115	2	2	2	–	–	–	–
Workplaces	1	1	3	–	–	–	–	–	–	–
Home-Workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	1	1	45	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholeselling & Producing*
A.—Occupying premises within the District. and selling milk within, or outside, or both	–	18	15
B.—Occupying premises outside the District ,and importing milk into the District	–	5	0

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	1	1	1
Licensed (The Public Abattoir)..	–	–	–
Total on Register	1	1	1

Note.—The District possesses a Public Abattoir All the Gwyrfai Rural District is supplied.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population for 1948 is 8,880.

Birth Rate per 1,000 17.21, compared with 20.7 in 1947. The Birth Rate for England and Wales was 17.9.

The General death rate was 14.0 compared with 14.5 in 1947.

The death rate for England and Wales was 10.8 Maternal deaths rate (due to pregnancy) was 6.4. Maternal Mortality for England and Wales was 0.73 per 1,000 total (live and still) births.

There were no deaths from Zymotic Diseases.

Infantile Mortality Rate is 39. per 1,000 births compared with 65.6 for 1947.

Infant mortality for England and Wales for 1948 is 34. The Death Rate from Tuberculosis was 1.0, compared with 0.84 per 1 000 of the population for 1947—for England and Wales it was 0.51. The Death Rate for Cancer was 2.47 per 1,000 compared with 1.9 in 1947.

For England and Wales it was 1.08.

REPORT OF THE SANITARY INSPECTOR.

(Mr. R. Roberts.)

Meat.

During the year 402 visits were made for the purposes of inspection, to the slaughter house.

The number of animals slaughtered during the year were as follows :—

Cows, 353 ; Cattle, 1,340 ; Calves, 709 ; Sheep and Lambs, 6,900 ; Pigs, 2,175.

The following were condemned as being unfit :—

25 Cows (Tuberculosis) ; 3 Heifers (Tuberculosis) ; 1 Bullock (Tuberculosis).

Other diseased conditions.—10 Cows ; 1 Bullock ; 1 Ewe ; 3 Calves, together with a large quantity of diseased livers.

Other Food.

Much time is devoted to examining food at shops, warehouses, food stores, etc., and issuing Condemnation Certificates, and under this heading, 605 tins of various commodities were condemned. A quantity of Fish were also found to be unsound.

Ice Cream.

35 samples were collected and submitted for the Meythelyne Blue Tests, the majority attaining Grade 1.

Milk Supply.

30 samples were collected and submitted for examination appropriate to their different classes, and a very good standard maintained.

Water.

88 samples were collected and submitted for Bacterological Analysis, and the results showed that 81.8% were satisfactory.

Vermin Infestation Control.

The Council by arrangement with the Bangor Council have engaged a Rodent Operator, one half of his time being devoted to each Council. Much good work has been carried out. Premises being cleared and rat proofed.

Disinfection.

Disinfection is carried out by the Council following cases of infectious diseases, and Tuberculosis free of charge. Clothing and bedding of Tubercular persons are taken to Bryn Seiont Sanatorium for steam fumigation. In some cases beddings and clothings has been destroyed, and the owner compensated.

CRICCIETH URBAN DISTRICT (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions.*	*Purveyors from outside the District*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948							
Cowsheds & Farm Dairies..	12	12	12	–	–	–	–	–	–	–
Retailing Milk Carts ..	4	4	–	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)..	–	–	4	–	–	–	–	–	–	–
Pulblic Slaughter House ..	Not	in use		–	–	–	–	–	–	–
Private Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Meat Shops	4	4	20	–	–	–	–	–	–	–
Retailing Meat Carts ..	–	–	–	–	–	–	–	–	–	–
Factory Bakehouses ..	6	6	6	–	–	–	–	–	–	–
Workshop Bakehouses ..	3	3	3	–	–	–	–	–	–	–
Bread Shops	8	8	8	–	–	–	–	–	–	–
Retailing Bread Vans ..	5	5	4	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	–	–	–	–	–	–	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries..	26	28	4	–	–	–	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholesellin & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	1	1	–
B.—Occupying premises outside the District, and importing milk into the District	–	3	12

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	–	–	
Licensed (The Public Abattoir)	1	1	1
Total on Register	1	1	1

Note. –Public Abattoir only now in use,

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population for 1948 is 1,647.
The Birth Rate is 12.1 per 1,000 of the population compared with 14.0 in 1947.
The Birth Rate for England and Wales was 17.9
The General Death Rate is 15.7 of the population compared with 18.4 per 1,000 in 1947.
There was one Maternal Death due to pregnancy; the death rate being 5.0 per 1,000 births.
For England and Wales, the Maternal Death Rate (live and still) was 0.73.
There were no deaths from Zymotic Diseases in 1948.
Infantile Mortality was 50. per 1,000 births compared with 45.4 in 1947.
Infant Mortality rate for England and Wales is 34.
There were no deaths from Tuberculosis.
In 1947 the rate was 0.63 per 1,000 of the population.
The Death Rate from Cancer is 1.82 per 1,000 compared with 4.4 in 1947.
The Cancer Death Rate in England and Wales was 1.08.

PWLLHELI BOROUGH, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter elating to th District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*urveyors from outside the District.*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948	1948						
Cowsheds & Farm Dairies..	13	14	14	14	–	–	–	–	–	–
Retailing Milk Carts ..	10	11	11	11	–	–	–	–	–	–
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	1	1	350	–	–	–	–	–	–	–
Private Slaughter House ..	–	--	–	–	–	–	–	–	–	–
Meat Shops	12	13	34	–	–	–	–	–	–	–
Retailing Meat Carts ..	–	–	–	–	–	–	–	–	–	–
Factory Bakehouses ..	–	–	–	–	–	–	–	–	–	–
Workshop Bakehouses ..	10	10	20	–	–	–	–	–	–	–
Bread Shops	17	17	17	–	–	–	–	–	–	–
Retailing Bread Vans ..	9	9	9	–	–	–	–	–	–	–
Factores (including Factory Bakehiouses & Laundries)	35	30	30	5	–	–	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries.. ..	8	–	10	1	–	–	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises	–	–	–	–	–	–	–	–	–	–
Offensive Trades ..	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on Register.	*Retailing only.*	*Retailing & Producing..*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	–	14	14
B.—Occupying premises outside the District, and importing milk into the District	–	5	5

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	–	–	–
Licensed (The Public Abattoir)	1	1	1
Total on Register	1	1	1

Note.—Public Abattoir only now in use

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population for 1948 is 4,116.
The Birth Rate is 19.0 per 1,000 of the population compared with 21.6 in 1947.
The Birth Rate for England and Wales was 17.9.
The General Death Rate was 13.3 per 1,000 compared with 13.3 in 1947.
The Death Rate for England and Wales in 1948 was 10.8.
The Death Rate from Maternal Mortality was 2.5 per 1,000 live births.
The Death Rate for England and Wales was 0.73.
The Death Rate from Zymotic Diseases 0.24. There were no deaths from Zymotic Diseases in 1947.

The Infant Mortality Rate is 75. per 1,000 (live births), in 1947 it was 104.6 per 1,000. Infant Mortality in England and Wales was 34.0.

The Death Rate from Tuberculosis was 0.24, there were no deaths in 1947.
The Tuberculosis death rate for England and Wales in 1948 was 0.51.
The Death Rate from Cancer is 2.42 compared with 1.2 in 1947.
The Cancer death rate for England and Wales in 1948 was 1.08.

REPORT OF THE SANITARY INSPECTOR.
(Mr. Griffith Evans.)

Housing.

All the Council Houses (146) were frequently inspected during the year. Extensive repairs being carried out, including the painting of all outside woodwork. The standard of cleanliness and tidiness was well maintained by the tenants. In addition to the 40 temporary aluminium houses, 24 new permanent houses were completed and occupied during the year, making a total of 210 Council Houses.

No Private dwelling was constructed during the year.

Water Supply.

The water supply is not by any means satisfactory, the main being corroded and in need of being replaced by bigger pipes. A large portion of the rural district is supplied by the Corporation, and the increased draw by farms etc., affects the supply to properties on the higher elevations.

The Council has prepared a scheme for improving the supply, and has submitted same to the Ministry. I may add that the position is serious, and a break-down may happen any day.

Chlorination as carried out at present is primitive and dangerous.

Scavenging.

The collection of House Refuse is carried out regularly, all premises being cleared at least once a week, and some twice or three times. The tip is on the outskirts of the town, and complaints of periodical smells are received from the nearby Golf Club, especially during hot summer weather. The tip is controlled, one man being permanently occupied in levelling out the refuse, burying the decomposed matter and sprinkling lime as required.

Infectious Diseases.

The town has been exceptionally free from any serious disease. Two cases of Infantile Paralysis were treated at the Hospital, and both returned well recovered. In the case of Infectious Diseases, the rooms are fumigated or sprayed. Two beds were destroyed after T.B. cases, and replaced by the Council. Disinfectant is supplied free to householders where required.

Rats and Mice Destruction Act, 1939.

During the year visits were made by the Council's trained operator. £90 was spent on rat destruction during the year. The operator spends 2 full days a week in this branch of work.

Public Conveniences.

Considerable improvements have been carried out to the Public Conveniences at the West End, 4 new W.C's. having been added in the Ladies' Section, making a total of 6. New flushing arrangements have been made in both the Ladies and Gents, and these are now in a fair condition.

The release of the Market Hall from the Food Ministry was also a means of opening out the approaches to Conveniences at the Market Hall in Penlan Street.

Two new W.C's. were added to those at the Maes, thus increasing the facilities in this area, but they are still very inadequate.

MEAT INSPECTION YEAR ENDED DECEMBER, 1948.

During the year animals slaughtered were :—

Cattle, 889 ; Sheep, 5,009 ; Pigs, 14 ; Calves, 55.

The quantity of meat condemned during year amounted to :—

16 Tons, 2 cwts. 3 quarters, 25 lbs.

PORTMADOC URBAN DISTRICT (CAERNARVONSHIRE)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in commom to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions.*	*Purveyors from outside the District.*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948							
Cowsheds & Farm Dairies..	33	33	21	2	2	2	–	–	–	–
Retailing Milk Carts ..	9	9	18	–	–	–	–	–	–	–
Milk Shops (Dairy Shops)	2	2	4	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
*Private Slaughter House..	1	1	84	–	–	–	–	–	–	–
Meat Shops	9	9	24	–	–	–	–	–	–	–
Retailing Meat Carts ..	–	–	–	–	–	–	–	–	–	–
Factory Bakehouses ..	3	3	6	–	–	–	–	–	–	–
Workshop Bakehouses ..	5	5	10	–	1	1	–	–	–	–
Bread Shops	10	10	14	–	–	–	–	–	–	–
Retailing Bread Vans ..	4	4	4	–	–	–	–	–	–	–
Factories(including Factory Bakehouses & Laundries)	40	40	40	–	–	–	–	–	–	–
Workshops (including Workshop Bakehouses and Laundries..	–	–	12	4	4	2	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	–	33	–
B.—Occupying premises outside the District, and importing milk into the District	–	2	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	1	1	1
Licensed	–	–	–
Total on Register	1	1	1

Meat is imported from Bangor.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948

The estimated population for 1948 is 4,118.

The Birth Rate is 16.5 per 1,000 of the population compared with 19.2 for 1947.

The Birth Rate for England and Wales in 1948 was 17.9 per 1,000 of the total (live and still) births.

The General Death Rate was 14.5 per 1,000 compared with 13.6 for 1947.

The Death Rate for England and Wales was 10.8 per 1,000 in 1948.

Maternal Mortality due to pregnancy was 5.8 there were no deaths in 1947.

Maternal Mortality for England and Wales in 1948 was 0.73.

ZYMOTIC DISEASES.

There was no death from Zymotic Diseases during the year.

Infant Mortality rate is 73. per 1000 births.

The Infant Mortality Rate for England and Wales for 1948 was 34.0.

There were no deaths from Tuberculosis.

The Death Rate from Cancer was 3.15 compared with 1.2 per 1,000 of the population in 1947.

The Cancer death rate in England and Wales was 1.08 per 1,000 of the population.

REPORT BY THE SURVEYOR AND SANITARY INSPECTOR.

(Mr. H. HEWETSON.)

WATER SUPPLY.

Portmadoc is supplied by a private company with water from Lake Tecwyn. It is chlorinated but not filtered. Samples taken by the Council during the year have proved satisfactory, and reports of samples taken by the Company also show good results.

There are still a few premises not connected to the mains, and these have been kept under observations. So far, no evidence of serious pollution of the water supply has occurred at these premises.

The possibility of extending the mains to a small community of 21 houses at Glanmorfa is receiving serious consideration.

HOUSING AND SANITATION.

Housing conditions in Portmadoc are generally poor, and are deteriorating rapidly. Built of local stone, two-thirds of the houses are without damp-proof course or cavity walls. There is extensive rising and penetrating dampness. Window areas are small, particularly in bedrooms. Wqter has been laid on, but more often than not, this is only a stand pipe and a tap in the yard. Hot water systems have been a luxury so far.

To remedy these conditions is not easy, as shortage of labour and materials, low rentals, and the necessity in many instances of major reconstruction or demolition, all militate against a speedy solution of the problems. Overshadowing all this is the dire necessity for new houses. The most that can be achieved at present is the immediate relief of the more urgent problems.

18 new houses were built and let during the year on the Pensyflog Housing Site.

FOOD.

The general standard of food premises within the district is good. An examination of all bakehouses, cafes and other places catering for the public revealed a high degree of cleanliness was maintained in both the preparation and sale of foodstuffs to the community.

The handling and distribution of milk and home-killed meat is satisfactory, but there is cause for some concern over the condition of the imported meat, Externally it is frequently anything but clean. Hear again, the source of the trouble may be the prevailing economic conditions.

GWYRFAI RURAL DISTRICT, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter rela ing to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the District.*
	1 1948	2 1947	3 1948	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	601	584	281	7	7	7	–	–	–	4
Retailing Milk Carts ..	45	58	50	3	3	3	–	–	–	–
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Private Slaughter House ..	1	1	Average twice weekly			–	–	–	–	–
Meat Shops	33	28	74	1	1	1	–	–	–	–
Retailing Meat Carts ..	18	18	42	3	3	3	–	–	–	–
Factory Bakehouses.. ..	19	–	–	–	–	–	–	–	–	–
Workshop Bakehouses ..	3	–	3	–	–	–	–	–	–	–
Bread Shops	110	110	–	–	–	–	–	–	–	–
Retailing Bread Vans ..	8	8	–	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	99	–	70	7	7	7	–	–	–	–
Workshops (including Workshop Bakehouses and .. Laundries	6	–	3	3	3	3	–	–	–	–
Workplaces	–	–	–	–	–	–	–	–	–	–
Home-Workers' Premises	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	4	81	390
B.—Occupying premises outside the District, and importing milk into the District	4	2	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only (all in abeyance)	–	–	–
Licensed	1	1	1
*Total on Register	1	1	1

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population for 1948 is 23,940.

The Birth Rate was 16.5 per 1,000 of the population compared with 19.6 in 1947.

The Birth Rate for England and Wales in 1948 was 17.9.

The General Death Rate was 15.3 per 1,000 of the population compared with 17.5 in 1947.

The Death Rate for England and Wales was 10.8 per 1,000.

There were 14 Maternal Deaths due to pregnancy. The Maternal Death Rate being 32.2 per 1,000 live births.

The Maternal Mortality for England and Wales is 0.73.

Zymotic Diseases.—There were no deaths from Zymotic Diseases.

Infant Mortality Rate per 1,000 live births was 48. compared with 65.6 in 1947. The Infant Mortality Rate for England and Wales is 34.0.

The Death Rate from Tuberculosis is 1.04 compared with 1.2 in 1947.

The Tuberculosis Death Rate for England and Wales is 0.51.

The Death Rate for Cancer is 2.75 compared with 2.6 in 1947.

The Cancer Death Rate for England and Wales was 1.08 per 1,000 of the population.

REPORT OF THE SANITARY INSPECTOR.

(J. Closs-Parry, M.R.S.I., M.S.I.A.)

Water Supply.

The supplies under the Council's control are from 20 sources and 2 supplies are privately controlled.

60 samples were taken during the year, and 17 were not up to standard. These reports were submitted to the Council and instructions given to the Surveyor to carry out necessary works to improve the quality oand to protect against pollution.

A chlorinating plant was recommended to the supply at Beddgelert and a substitute plant to the Clynnog supply.

It is estimated according to the Housing Survey that 5,780 houses have a piped water supply available, approximately 77% of houses in the district.

Most of the sources are inadequate during the dry seasons, and a comprehensive scheme has been prepared by Messrs. Howard Humphreys & Son, Water Engineers, to cover the whole district with an adequate and wholesome supply.

The Council have considered the report and the Engineers have been instructed to proceed with detailed plans for submission to the Ministry of Health.

Drainage and Sewerage.

Considering the rural area of the Council, sewers are fairly well provided throughout the District. The disposal of sewage is very unsatisfactory. Special mention—Llanrug, Cwmyglo Llanberis, Brynrefail, Bethel, Waenfawr, Penygroes, Talysarn, Llanllyfni and Nantlle.

Schemes have been prepared and submitted to the Ministry of Health in respect of Bethel and Waenfawr and an Inquiry is expected in the near future in both cases. As was reported last year, Major Waters, V.C., Consulting Engineer, Birmingham, has prepared a comprehensive scheme of the need of improved and sufficient sewers, and the provision of satisfactory sewage Disposal Works.

During the year over £3,000 was spent on the maintenance and improvement of sewers in the District.

Housing.

There is continued acute shortage of houses in the district. The Council own 666 working class houses and there are in course of erection 68. As the result of the Housing Rural Survey and the Housing Review of Applicants, the total number of houses required in the district are estmated at 1,200.

PUBLIC SCAVENGING.

This work is done by the Council's own vehicles. Last year 2 Karrier lorries were purchased and the refuse is collected throughout the district once a week. The staff are 2 drivers, 4 leaders and 2 men to attend daily at the refuse tips. £3,100 were spent on this work during the year.

MEAT INSPECTION.

There is a Bacon Factory at Portdinorwic under the control of the Ministry of Food. During the year 3,448 pigs were slaughtered. The following food were condemned as unfit :—

4,192 lbs of Pig Carcases (including bacon).
128 lbs. Prepared Meats.
131 tins of Various Tinned Food.
24 doz. Fish Cakes.
2 boxes Kippers.
1 ton Potatoes.
18 doz. Bread.
21 lbs. Fruit.
310 lbs. Beef.

RODENT CONTROL.

One man is engaged full-time on this work, and the programme of work has the approval of the Ministry of Agriculture.

MANUFACTURE AND SALE OF ICE-CREAM.

19 samples of Ice-Cream were sent for Bacteriological Examination to the Public Health Laboratory, Conway, for examination as to cleanliness and the quality of this food product. I am pleased to report that only in two cases was the result unsatisfactory. The requirement of the Ice-Cream (Heat Treatment) Regulations, 1947, has been brought to the attention of the vendors. These regulations are, that except for ice-cream made from complete cold mix ice -cream powder, all ice-cream is to be thoroughly treated by heat and cooled immediately after heating and kept frozen until sold.

TUBERCULOSIS.

My Council are very much concerned at the continued high incidence of notifications from Tuberculosis.

It is gratifying to note, however, that during the last 20 years, the deaths from Tuberculosis has dropped from 67 in 1928 to 29 in 1947. The Council continue to investigate this problem, and it is hoped that with the continued improvement in the housing condition of the sufferers, improvement will result ultimately.

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	*Cows*	*Calves*	*Sheep and Lambs*	*Pigs*
Number killed (if known) ..					3448
Number inspected					3448
All diseases except Tuberculosis Whole carcases condemned					
Carcases of which some part ot organ was condemned ..					
Percentage of the number inspected affected with disease other than Tuberculosis ..					
Tuberculosis only .. Whole carcases condemned					3
Carcases of which some part or organ was condemned ..					304
Percentage of the number inspected affected with tuberculosis					9%

FOOD POISONING OUTBREAKS.

The Report should also include, under the following headings, details of any outbreaks of food poisoning which have occurred during the year.

Total Number of outbreaks	*Number of cases*	*Number of deaths*	*Organisms or other agents responsible with number of outbreaks of each*	*Foods involved with number of outbreaks of each.*
None				

LLEYN RURAL DISTRICT (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecution*	*Purveyors from outside the District*
	1 1948	2 1947	3 1948	4	5	6	7	8	9	10
Cowsheds & Farm Dairies..	730	714	163	21	21	21	–	–	–	–
Retailing Milk Carts ..	28	31	8				–	–	–	–
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–	–	–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
*Private Slaughter House..	–	–	–	–	–	–	–	–	–	–
Meat Shops	23	23	31	–	–	–	–	–	–	–
Retailing Meat Carts ..	19	19	16	2	2	2	–	–	–	–
Factory Bakehouses ..	8	8	12	–	–	–	–	–	–	–
Workshop Bakehouses ..	3	3	1	–	–	–	–	–	–	–
Bread Shops	52	52	4	–	–	–	–	–	–	–
Retailing Bread Vans ..	14	12	–	–	–	–	–	–	–	–
Factories (including Factory Bakehouses & Laundries)	13	13	17	1	1	1	–	–	–	–
Workshops(including Workshop Bakehouses and Laundries..	124	121	76	3	3	3	–	–	–	–
Workplaces	–	–	2	–	–	–	–	–	–	–
Home-Workers' Premises ..	–	–	–	–	–	–	–	–	–	–
Offensive Trades	–	–	–	–	–	–	–	–	–	–
Common Lodging Houses	–	–	–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing..*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	1	90	628
B.—Occupying premises outside the District ,and importing milk into the District	–	–	–

In 1920, Registered only, 4 ; Licences 6 ; Total on Register 10.

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1945	In Dec. 1946	In Dec. 1947
Registered only	–	–	–
Licensed	–	–	0
Total on Register	–	–	0

Note.—Public Abattoir only now in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population was 17,334 in 1948.

The Birth Rate was 15.4 per 1,000 of the population compared with 15.7 in 1947.

The Birth Rate for England and Wales was 17.9 per 1,000.

The General Death Rate is 14.0 per 1,000 of the population compared with 14.5 in 1947.

The Death Rate for England and Wales was 10.8 per 1,000.

There were 7 Maternal deaths due to pregnancy, the Maternal Mortality Rate being 33.0 per 1,000 live births, there were no Maternal deaths in 1947.

Maternal Mortality England and Wales was 0.73.

Zymotic Diseases.—There were no deaths.

Infant Mortality Rate is 37.0 per 1,000 births compared with 67.1 in 1947.

Infant Mortality rate for England and Wales was 34.0.

The Death Rate from Tuberculosis is 0.92 per 1,000 of the population compared with 0.41 in 1947, the Tuberculosis death rate England and Wales for 1948 is 0.51.

The Death Rate from Cancer was 3.0 per 1 000 of the population, compared with 2.5 in 1947, the Cancer death rate for England and Wales was 1.08 per 1,000 in 1948.

REPORT OF THE SANITARY INSPECTORS.

(D. Lloyd Jones and E. E. Roberts.)

Water Supply.

The Council have under their control 15 sources of water supply to various parishes, and every effort has been made by the Council to maintain the supply in adequate quantities and in satisfactory quality, but considerable difficulties are experienced during summer months when the supply in some of the parishes becomes very limited at the time when the consumption is considerably increased owing to the heavy influx of the visitors to these areas. Regular sampling of the various water supplies for analyses does not reveal any serious variations in quality.

The major preliminary work on the development of the many new schemes including improvements to existing supplies which the Council have had in hand for some time, was completed during the year whilst two of these schemes have been commenced.

Public Scavenging.

Domestic and other refuse continues to be collected by different contractors throughout the rural area ; and whilst the work is done satisfactorily in some of the villages, there are many complaints made by residents of other villages regarding this service.

The disposal arrangements at present is spread over twelve different refuse dumps situated in widely scattered localities. In some cases, the individual contractor is responsible for day to day maintenance of these dumps ; whilst in others, the Council maintain an orderly condition of the tips. The whole of the disposal system proved, however, very unsatisfactory, and during the year, the Council have adopted a firm policy to ensure improvements in this system, and a centrally situated site which will serve as a controlled tipping site for all areas on the southern side, and a portion of the northern division—has been chosen and approved, but as the site could not be acquired by agreement, the Council have been forced to undertake compulsory acquisition. When the controlled disposal system on this site is in full operation, all the other dispersed dumping grounds will be closed, and, as far as possible, the sites will be restored for agricultural or other use.

Rodent Control.

The work is done on all Local Authority controlled land and premises, including various sewerage disposal grounds and refuse dumps—by the Council's trained employees. The work has recently been extended to serve all private properties at a small charge and the Council have this year engaged a Rodent Operator working under the supervision of the Sanitary Inspectors. The Rodent Operator carries out all surveys and investigations of complaints.

Disinfection.

Every effort is made to disinfect all properties after an outbreak of infectious disease,—immediately upon removal of infectious cases to Isolation Hospital or at the expiration of Isolation periods if the patients are nursed at home. Disinfectants are supplied free to all necessary cases and the Council pay compensation where it is found necessary to destroy bedding or other infected articles.

DEUDRAETH RURAL DISTRICT (Merionethshire)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appear taining in common to all the Sixteen Combined Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside the Distric*
	1	2	3	4	5	6	7	8	9	10
	1948	1947	1948							
Cowsheds & Farm Dairies..	147	146	147							2
Retailing Milk Carts ..	9	9	9							
Milk Shops (Dairy Shops)	–	–	–							
Public Slaughter House ..	–	–	–							
Private Slaughter House*..	–	–	–							
Meat Shops	10	15	9							
Retailing Meat Carts ..	3	6	3							
Factory Bakehouses ..	6	12	6							
Workshop Bakehouses ..	3	2	1							
Bread Shops	12	12	12							
Retailing Bread Vans ..	6	24	6							
Factories (including Factory Bakehouses & Laundries	9	27	9							
Workshops(including Workshop Bakehouses and Laundries..	18	18	17							
Workplaces	5	10	4							
Home-workers' Premises ..										
Offensive Trades										
Common Lodging Houses										

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both ..	–	60	69
B.—Occupying premises outside the District, and importing milk into the District	–	1	–

In 1920, Registered only, 4; Licenses 6; Total on Rsgister 10.

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	–	–	–
Licensed	–	–	–
Total on Register	Nil	Nil	Nil

Note—Public Abattoir only now in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population for 1948 is 6,805.

The Birth Rate was 18.3 per 1,000 of the population, compared with 18.6 in 1947.

The Birth Rate for England and Wales was 17.9 per 1,000.

The General Death Rate is 13.6 per 1,000 compared with 16.8 in 1947.

The Death Rate for England and Wales is 10.8 per 1,000.

There was one Maternal death due to pregnancy, the Maternal Mortality being 0.79 per 1,000 live births. Maternal Mortality for England and Wales was 0.73.

Zymotic Diseases.—There were no deaths.

Infant Mortality Rate was 15.0 per 1,000 births compared with 56.9 in 1947.

Infant Mortality Rate for England and Wales was 34.0.

The Death Rate from Tuberculosis is 0.29, 1000 of the population, compared with 1.2 in 1947.

Thd Tuberculosis death rate in England and Wales was 0.51.

The death rate from Cancer is 1.76 per 1,000 of the population, compared with 3.0 in 1947.

The Cancer death rate for England and Wales was 1.08 per 1,000.

REPORT BY THE SURVEYOR AND SANITARY INSPECTOR.

(Mr. Morris Jones.)

Housing.

By the end of the year 40 houses out of the 78 let for contract were nearing completion. These were at Llandecwyn, Trawsfynydd and Harlech. Work was commenced also on 10 houses at Llanbedr.

The Council retain the requisitioned houses in order to relieve the housing shortage.

Licence to build 2 private houses were issued during the year.

Water Supplies.

The work of supplementing the supply at Garreg, Llanfrothen and the extension to Tanlan together with the extension of the water main from Llanbedr to Gwynfryn Village was completed during the year.

Sewerage.

Contract for new sewers and sewage disposal plant at Trawsfynydd was commenced during the year.

Plans for extending the sewer at Penrhyndeudraeth has been approved together with extensions and new disposal plant at Talsarnau.

Improving the disposal plant at Harlech is under consideration.

Scavenging.

The Council undertake the scavenging of all the villages throughout the District by contract.

Milk.

Licencing of T.T and the sampling of milk is undertaken regularly by the County Council.

Conveniences.

Public conveniences are to be erected at Talsarnau and additional ones at Penrhyndeudraeth and Harlech.

Disinfection.

Disinfection is undertaken by fumigation and spraying.

Meat.

Meat is distributed throughout the District from three centres, namely, Portmadoc, Blaenau Ffestiniog and Barmouth.

Water Supplies.

The Deudraeth Rural District comprises nine parishes.

1. Penrhyndeudraeth.

Penrhyndeudraeth is supplied with water by the Portmadoc Waterworks. Minffordd village, in the parish of Penrhyndeudraeth is also supplied from the same waterworks. The source of supply is " Llyn Tecwyn " situated in Llandecwyn Parish in the Deudraeth District.

The water is chlorinated. The population served with water in Penrhyndeudraeth Parish is approximately 1,650.

2. LLANFROTHEN.

There are three isolated villages in the parish, namely Garreg, Rhyd and Croesor.

Garreg is supplied with water indirectly from the Portmadoc Water Mains. The Deudraeth Council purchase water by meter at the boundary of Penrhyndeudraeth and Llanfrothen and have constructed a service tank with a storage capacity of 8,500 gallons. From this tank a 3 inch Main has been extended and connected to the existing 2 inch wter Main at Gerreg Village. From Garreg a 2 inch Main has been laid to serve Ramoth and Tanlan, two hamlets in the same parish. This scheme was undertaken and completed in 1948. The original supply to Garreg was constructed by the above Council in 1926 but the supply proved insufficient.

The number of properties served is 37 and the estimated population is 130. The School is also served from the same supply.

Rhyd, In 1929 the Council constructed a water supply for the above village. The storage tank capacity of 2,000 gallons and the water treated by sand filtration. The number of properties seerved is 12 and the population is 38.

Croesor. The scheme serving Croesor was originally constructed jointly by the Education Authority and the residents .Arrangements are under consideration for the Deudraeth Council to take over the waterworks.

The Council has under consideration the improving of the system of supply by providing a reconstructed service tank and Mains. The properties served number 15 and the population 46, together with the school.

3. MAENTWROG.

Maentwrog village is served with water from a private supply constructed by the Tan-y-Bwlch Estate. Owing to the unsatisfactory supply the Deudraeth Council has under consideration a scheme of providing water for Maentwrog from Blaenau Festiniog, as recommended by the County Consulting Engineers. The properties served at present number 35, population 110.

Gellilydan village in the Parish of Maentwrog, is supplied with water from a scheme prepared by the Deudraeth Council in 1925. The water is derived from wells on Cae Glas land. The covered service reservoir has a capacity of 10,000 gallons and the Main service pipes 3 and 2 inch bore. The supply has been satisfactory, but this summer the yield from the wells proved insufficient and water had to be pumped from a nearby stream. The inhabitants were instucted to boil the water for all purposes. The number of properties served is 71 and the population 215.

4. TRAWSFYNYDD.

Trawsfynydd is supplied with water from a scheme undertaken by the Council. The water is collected from various springs and conveyed to gravel filters and afterwards into an open service reservoir.

The source of supply was augmented during the war and the yield has proved satisfactory during the present dry season.

The hamlet known as Bronaber is also served with a small water supply. The water is from a small well alongside the Camp road. The tank is covered as well as a small sand filter adjoining. The number of premises served within Trawsfynydd parish is 301 and the population 1,050.

5. LLANDECWYN.

The hamlet known as Cilfor, where the Council has built 16 houses, together with 4 private houses and one farm house, obtain their supply of water from the Portmadoc water mains. The 21 houses served have a population of 80.

6. TALSARNAU.

Talsarnau and Ynys obtain their water supply from the Council's Mains. The water is obtained from the Maes Neuadd stream. The water is passed through sand filters and thereafter into a 40,000 gallons capacity service reservoir. The source of Maes Neuadd stream is from Llyn Caerwych. Actual shortage of water was not experienced during this year's dry summer. The number of premises served is 143 and the population 500.

7. HARLECH.

The source of water supply to Harlech is from Llyn Fedw, 3 miles from Harlech. The surface area of the lake when full is five acres and the storage capacity 7½ million gallons. The

water is conveyed from Llyn Fedw by 4 inch bitumen line steel pipes to sand filters and limestone chippings at Cefn Filltir. The storage capacity of filtered water is 80,000 gallons.

The Harlech Mains have been extended so as to serve isolated hamlets in the parishes of Llandanwg and Llanfair. These villages include Pensarn, Llandanwg and Llechwedd Cyntaf. The yield has proved suffiient and the Council has been able to maintain constant supply throughout the dry season. The number of properties served is 454 and the population 1,500. The old waterworks at Harlech are still maintained.

8. LLANBEDR.

The Deudraeth Council, by agreement with the Dolgelley Rural Council, obtain a supply of water for Llanbedr, including Gwynfryn village, from the Dyffryn supply. The supply has been maintained throughout the whole season. This water is being chlorinated at Dyffryn. The number of premises served is 89 and the population 280.

To provide a satisfactory supply of water throughout the District it is necessary for the Council to seriously consider supplementing the following supplies :—

1. Gellilydan ;
2. Talsarnau ;
3. Harlech and Llanfair ;
4. Llanbedr.

1. *Gellilydan* may be supplemented by treating the water from the Sychnant stream which is within 250 yards to the existing service reservoir.

2. *Talsarnau* supply should be secured by improving the storage capacity at Llyn Caerwych, which is the source of supply feeding 'afon Maes Neuadd'

3 & 4. *Harlech and Llanfair*. together with Llanbedr have within reach an ample source of water supply which would be available to suppliment, if necessary, other parts of the District. The source of water supply referred to is Llyn Eiddew Mawr. The surface area of the Lake at present without any kind of a Dam is 11 acres. With a 3 foot depth there would be available a storage of approximately 9 million gallons of water.

A draft scheme of water supply for the parishes mentioned was submitted in 1924 but was not approved by the Ministry.

The number of properties in each parish and those that are provided with water from the Council's Mains are as follows :—

Parish	*No. of Properties.*	*No. provided with water*
Llanbedr	150 ..	89
Llanfair Llandanwg	489 ..	454
Talsarnau	172 ..	143
Llandecwyn	81 ..	22 (known
Llanfrothen	198 ..	64
Gellilydan Maentwrog	194 ..	71
Trawsfynydd	394 ..	301

Undoubtedly many farms have their own water supplies which reduce the number of houses without a supply of water.

BETTWSYCOED URBAN (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

REGULATED ESTABLISHMENTS.

Those premises situated within the District.	*No. on Register.*	*No. on Register previous year.*	*No. of Visits or Inspections.*	*No. of Premises found Defective.*	*No. of Informal Notices.*	*No. of these complied with.*	*No. of Statutory Notices.*	*No. of these complied with.*	*No. of Prosecutions*	*Purveyors from outside he District.*
	1 1948	2 1947	3 1948	4	5	6	7	8	9	10
Cowsheds & Farm Dairies..	4	6	11	–	–	–	–	–	–	–
Retailing Milk Carts ..	4	5	–	–	–	–	–	–	–	2
Milk Shops (Dairy Shops)	–	–	–	–	–	–	–	–		–
Public Slaughter House ..	–	–	–	–	–	–	–	–	–	–
Private Slaughter House*..	1	1	1	–	–	–	–		–	–
Meat Shops	1	1	4	–	–	–	–	–	–	–
Retailing Meat Carts ..	3	3	–	–	–	–	–	–	–	2
Factory Bakehouses ..	1	1	2	–	–	–		–	–	–
Workshop Bakehouses ..	1	1	2	–	–	–	–	–	–	–
Bread Shops	3	3	5	–	–	–		–	–	–
Retailing Bread Vans ..	3	3	–	–	–		–	–	–	1
Factories (including Factory Bakehouses & Laundries)	4	7	6	–	–	–	–	–	–	
Workshops(including Workshop Bakehouses and Laundries..	2	1	5	–	–	–	–	–	–	
Workplaces	–		–	–	–	–	–	–	–	–
Home-Workers' Premises ..	–		–	–	–	–	–	–	–	–
Offensive Trades	–		–	–	–	–	–	–	–	–
Common Lodging Houses	–		–	–	–	–	–	–	–	–

Milk Dealers on the Register.	*Retailing only.*	*Retailing & Producing.*	*Wholeselling & Producing*
A.—Occupying premises within the District, and selling milk within, or outside, or both	–	3	1
B.—Occupying premises outside the District ,and importing milk into the District	–	2	–

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1946	In Dec. 1947	In Dec. 1948
Registered only	–	–	–
Licensed	1	1	1
Total on Register .. In abeyance	1	1	1

*Private Slaughter House not in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1948.

The estimated population furnished by the Registrar General for June 1948, is 882 compared with 784 in 1947 and 782 in 1946.

The Birth Rate is 15.87 per 1,000 of the population compared with 17.85 in 1947 and 12.78 per 1,000 of the population in 1946.

There were no deaths of infants under one year.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases—See Tables 2 and 3).

The General Death Rate is 14.73 per 1,000 of the population compared with 5.10 in 1947 and 17.9 per 1,000 of the population in 1946.

There were no deaths from Tuberculosis.

The Cancer Mortality is 3.40 per 1,000 of the population compared with 1.27 in 1947 and 3.83 per 1,000 of the population in 1946.

INFECTIOUS DISEASES.

Four cases of Measles and one of Erysipelas were notified during the year 1948.

REPORT OF THE SANITARY INSPECTOR AND SURVEYOR.

(Mr. E. P. JONES, M.R.S.I., M.S.I.A.)

WATER SUPPLY.

Water Supply is obtained from Elsi Lake—721 feet above sea level, and is chlorinated at the valve house. An abundant supply is obtained throughout the year. During the year a length of over 1,000 yards of main was scraped, the deposit was found to reduced the bore of the pipe by half. Analysis of the water before the scraping was very unsatisfactory and after scraping highly satisfactory.

SEWERAGE.

The sewers are regularly flushed and are well maintained. During the year the Sewage Tanks were emptied.

SCAVENGING.

Refuse is removed satisfactorily by contract. Hotels and business premises refuse is collected twice weekly during the Summer months. The present Tip is nearly full and the Council are negotiating for a new site for controlled tipping.

MEAT AND OTHER FOODS.

All meat is delivered to the District from the Public Abattoir, Mochdre, Colwyn Bay. The meat shop was periodically visited.

There are two Bakehouses in the district. Periodical visits were made and conditions were satisfactory.

HOUSING.

During the year a Layout plan for 46 houses at Pentre Du was approved, and the Council decided to commence with 12 traditional 3-bedroom parlour type houses.

DISINFECTION.

Two houses were disinfected during the year after cases of Infectious Diseases. Disinfection is carried out with formaldehyde.

MILK.

Dairies and Cowsheds were visited during the year. Improvements are contemplated at one or two farms when building conditions improve.

RATS AND MICE.

Infestation was found to be slight. Pre-baiting and poison baiting was carried out in two cases the poisons used being Lime Phosphide and Barium Carbonate. Good results were obtained in both cases.